

NOVA UP / DOWN

LED SUSPENSION MODULAR SYSTEM - REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT ISSUED

REV 04.17.20



DESCRIPTION

The Nova Suspension Up/Down LED Modular System combines the Nova Suspension Channel with various L, T, and X connectors for building geometric configurations, allowing you to be the fixture designer. The Nova Modular is a 2-circuit fixture that features both direct and indirect light with individual dimming controls or with Tunable White (2K4K), Up and Down Light control of Kelvin color function as one. We provide layout and direction for easy installation. Every fixture includes a 5 year pro-rated warranty. For quotes, custom paint and parts list, send drawings to design@PureEdgeLighting.com.

FEATURES & BENEFITS

- **Low Profile:** 1.24 x 2.23 inch channel
- **Remote Power Supply:** Up to 100 watt — Remote Power Supplies may be located up to 40 feet away
- **Length Options:** 12 to 120 inches
- **3 Wattage Options:** 7, 10 or 12 watts
- **5 Available Finishes**
- **High Lumen Output:** Up to 992 lm/ft
- **10 Color Temperature Options:** 22K - 57K, Warm Dim (27D, 30D) and Tunable White (2K4K)
- **High CRI:** Up to 95+
- **50,000 Hour Lamp Life**
- **2 Lens Options:** Diffused White and Clear Frosted
- **2 Louver Options:** Black or White
- **Easy Installation:** Fully Assembled Push-in connectors

APPLICATIONS

- Indoor Only - Hallway, Office, Conference Room, and Retail

NOVA CHANNEL COMPONENTS INCLUDED

- High Grade LED Strip, installed to fit length
- Lens: Downlight - Diffused White 100 Degree Lens or Clear Frosted 60 Degree Lens; Uplight - Clear Frosted 60 Degree Lens
- Channel with Suspension Cables
- White or Black Louver (if selected)

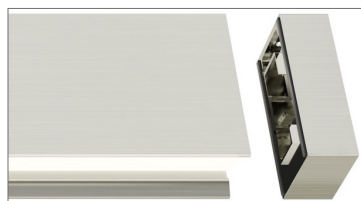
COMPONENTS SOLD SEPARATELY

- Surface Mount or Remote Power Supply
- End Caps and L, T, and X Connectors
- Power End Caps and Power Connectors (Includes Power Canopies)

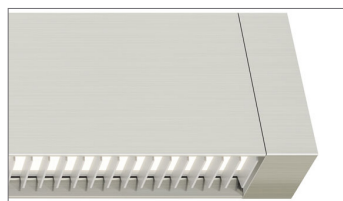
REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- UNI driver (ELV, 0-10, TRIAC)
- Lutron Hi-Lume®

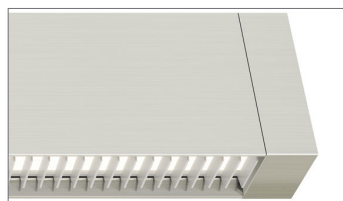
*In-Wall Mounting Kits available for select power supplies



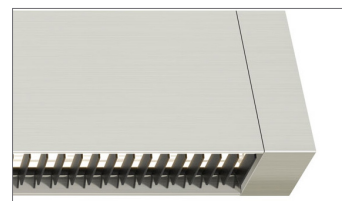
DIFFUSED WHITE LENS



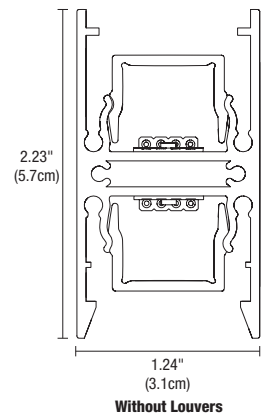
MODULAR END CAP



DIFFUSED WHITE LENS WHITE LOUVER



CLEAR FROSTED LENS BLACK LOUVER



Without Louvers

| System | Wattage Per Foot | Nominal Size in Inches | Color Temperature | Finish |
|--|---|--|--|--|
| NSUDDM | 7W | 120 | 22K | SN |
| NSUDDM Nova Suspension Up/Down Modular, Diffused White 100 Degree Lens without Louver NSUDDWM Nova Suspension Up/Down Modular, Diffused White 100 Degree Lens with White Louver NSUDCWM Nova Suspension Up/Down Modular, Clear Frosted 60 Degree Lens with White Louver NSUDDBM Nova Suspension Up/Down Modular, Diffused White 100 Degree Lens with Black Louver NSUDCBM Nova Suspension Up/Down Modular, Clear Frosted 60 Degree Lens with Black Louver | 7W 6.9 Watt, 420" (35ft) max length (2.5W up and 4.4W down) 10W 8.8 Watt, 420" (35ft) max length (4.4W up and 4.4W down) 12W 11.9 Watt, 320" (26ft) max length (4.4W up and 7.5W down) | 12-120 Order in various increments from 12 inches to 120 inches *See length chart for exact dimensions (pg. 5) | 22K 2200K Candle White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 3000K Warm White 30D 3000K Warm Dim (5W only) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White 2K4K Tunable White 2000K-4000K (5W only) | BK Black Powder Paint CH Chrome SB Satin Brass* SN Satin Nickel WH White Powder Paint *Includes Black End Caps, Wires, and Canopy. |

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

Nova Suspension Up/Down Modular Channel with Diffused White Lens

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12-120 inches and includes a Diffused White 100 degree lens for the Down Light, and a Clear Frosted 60 degree Lens for the Up Light. The White lens disperses the light evenly without dots. Suspension Cables are included with the LED Channel and Lens for every 5 feet. The Channel runs as long as 20 feet with 5 watts per foot and up to 13 feet with 7.5 watts per foot before refeeding.



Diffused White Lens without Louver

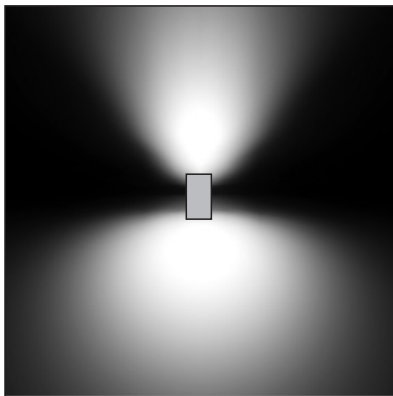
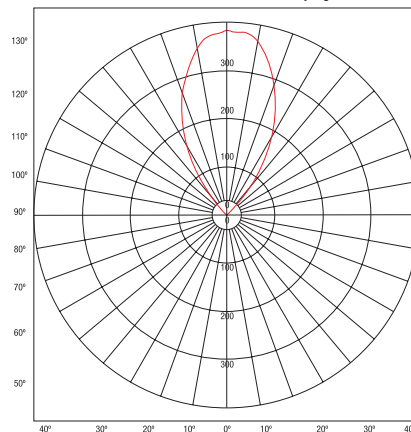
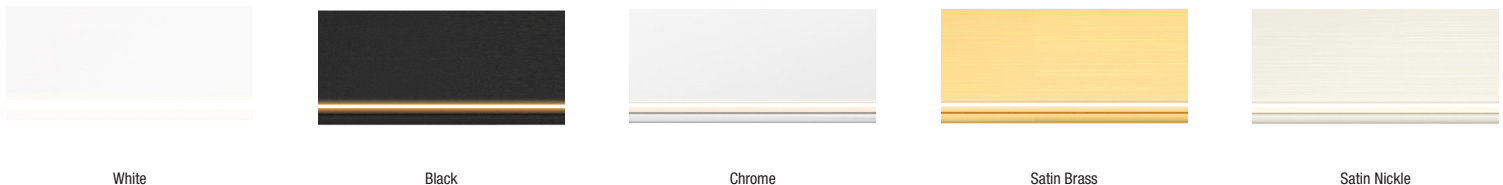
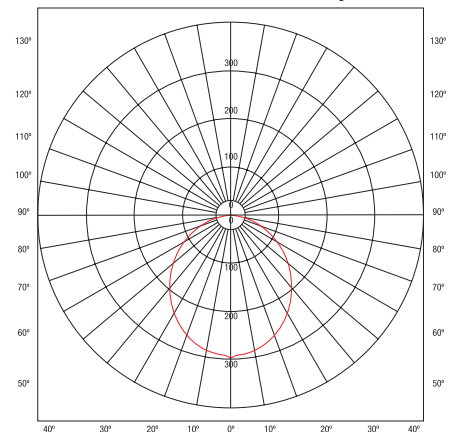
Lamp Data: Lamp data for Nova Downlight without Louver

| DESCRIPTION | NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | | | | |
|-------------------------|--|------|-----|-----|-----|-----|-----|-----|--|-----|------|-----|------|-----|-----|-----|
| | 60 Degree Diffused Clear Frosted Lens without Louver - Uplight | | | | | | | | 60 Degree Diffused White Lens without Louver - Downlight | | | | | | | |
| WATTS PER FOOT | 2w (2.5 watts) | | | | | | | | 5w (4.4 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 126 | 140 | 154 | 168 | 192 | 209 | 222 | 242 | 268.5 | 295 | 267 | 322 | 292 | 369 | 401 | 427 |
| LUMENS PER WATT (lm/w) | 50 | 55.5 | 61 | 67 | 77 | 84 | 89 | 55 | 61 | 67 | 56 | 73 | 61 | 84 | 91 | 97 |
| CRI | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

| DESCRIPTION | NSUDDM | | | | | | | | | | | | | | | |
|-------------------------|---|-----|-----|------|-----|------|-----|-----|---|-----|------|-----|-----|-----|-----|-----|
| | 100 Degree Diffused White Lens without Louver - Downlight | | | | | | | | 100 Degree Diffused White Lens without Louver - Downlight | | | | | | | |
| WATTS PER FOOT | 5w (4.4 watts) | | | | | | | | 7w (7.5 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K | 22K | 24K | 27K | 30K | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 201 | 223 | 245 | 302 | 268 | 330 | 307 | 334 | 355 | 320 | 355 | 390 | 426 | 488 | 531 | 565 |
| LUMENS PER WATT (lm/w) | 46 | 51 | 56 | 63 | 61 | 69 | 70 | 76 | 81 | 44 | 48.5 | 53 | 58 | 67 | 73 | 77 |
| CRI | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

BEAM SPREAD CHART
NSUDDM 3000K 10 Watt
5 Watt 60° Up, 5 Watt 100° Down

CANDLE POWER DISTRIBUTION 60° Up Light

CANDLE POWER DISTRIBUTION 100° Down Light


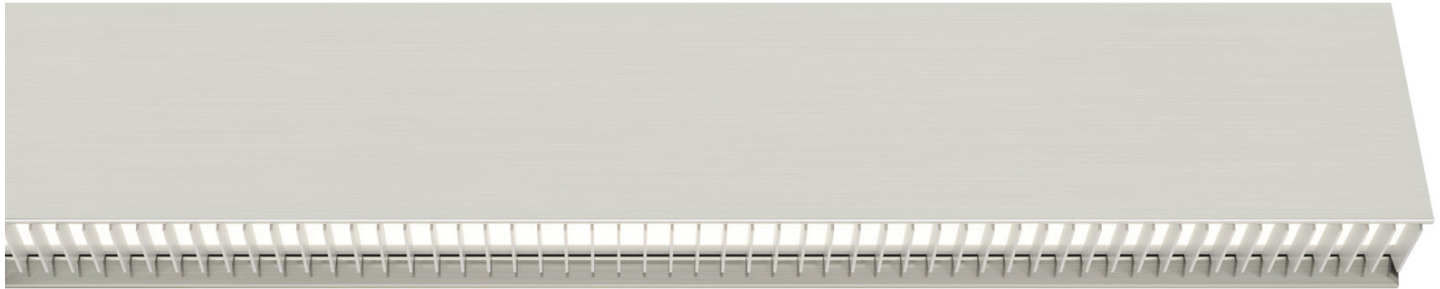
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| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

Nova Suspension Up/Down Modular Channel with Diffused White Lens and Clear Frosted Lens with White Louver

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12 to 120 inches and includes a Diffused White lens or Clear Frosted Lens for the Down Light, and a Clear Frosted 60 Degree Lens for the Up Light. The White lens disperses the light evenly without dots. The Clear Frosted lens gives the most light, but will have slight dotting when looking straight up into the light. The Channel runs as long as 20 feet with 5 watts per foot and up to 13 feet with 7.5 watts per foot before refeeding.

| DESCRIPTION | NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | | | | |
|-------------------------|--|------|-----|-----|-----|-----|-----|-----|----------------|-----|------|-----|------|-----|-----|-----|
| | 60 Degree Diffused Clear Frosted Lens without Louver - Uplight | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 2w (2.5 watts) | | | | | | | | 5w (4.4 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 126 | 140 | 154 | 168 | 192 | 209 | 222 | 242 | 268.5 | 295 | 267 | 322 | 292 | 369 | 401 | 427 |
| LUMENS PER WATT (lm/w) | 50 | 55.5 | 61 | 67 | 77 | 84 | 89 | 55 | 61 | 67 | 56 | 73 | 61 | 84 | 91 | 97 |
| CRI | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

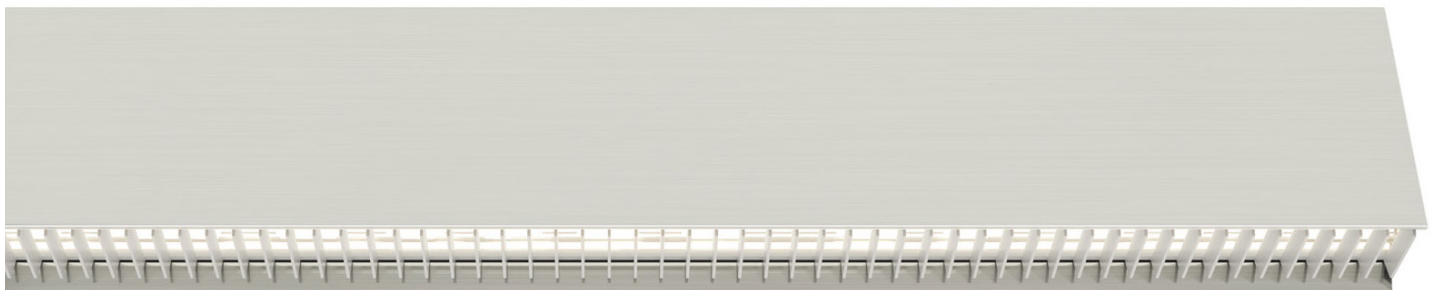


Frosted Lens with White Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Channel with White Louver

| DESCRIPTION | NSUDDWM | | | | | | | | | | | | | | | |
|-------------------------|--|-------|-----|------|-----|------|-----|-----|----------------|-----|-------|-----|-----|-----|-----|-----|
| | 100 DEGREE DIFFUSED WHITE LENS WITH WHITE LOUVER - DOWNLIGHT | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 5w (4.4 watts) | | | | | | | | 7w (7.5 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K | 22K | 24K | 27K | 30K | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 141 | 156.5 | 172 | 212 | 188 | 231 | 215 | 234 | 249 | 224 | 248.5 | 273 | 298 | 342 | 371 | 395 |
| LUMENS PER WATT (lm/w) | 32 | 35.5 | 39 | 44 | 43 | 48 | 49 | 53 | 57 | 31 | 34 | 37 | 41 | 47 | 51 | 54 |
| CRI | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)



Frosted Lens with White Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Nova Channel with White Louver

| DESCRIPTION | NSUDCWM | | | | | | | | | | | | | | | |
|-------------------------|--|-------|-----|------|-----|------|-----|-----|----------------|-----|-------|-----|-----|-----|-----|-----|
| | 60 DEGREE CLEAR FROSTED LENS WITH WHITE LOUVER - DOWNLIGHT | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 5w (4.4 watts) | | | | | | | | 7w (7.5 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K | 22K | 24K | 27K | 30K | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 169 | 187.5 | 206 | 254 | 226 | 278 | 258 | 281 | 299 | 269 | 298.5 | 328 | 358 | 410 | 446 | 475 |
| LUMENS PER WATT (lm/w) | 38 | 42.5 | 47 | 53 | 51 | 58 | 59 | 64 | 68 | 37 | 41 | 45 | 49 | 56 | 61 | 65 |
| CRI | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

| | | | | | |
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| PROJECT | | FIXTURE TYPE | | DATE | |
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NOVA UP / DOWN

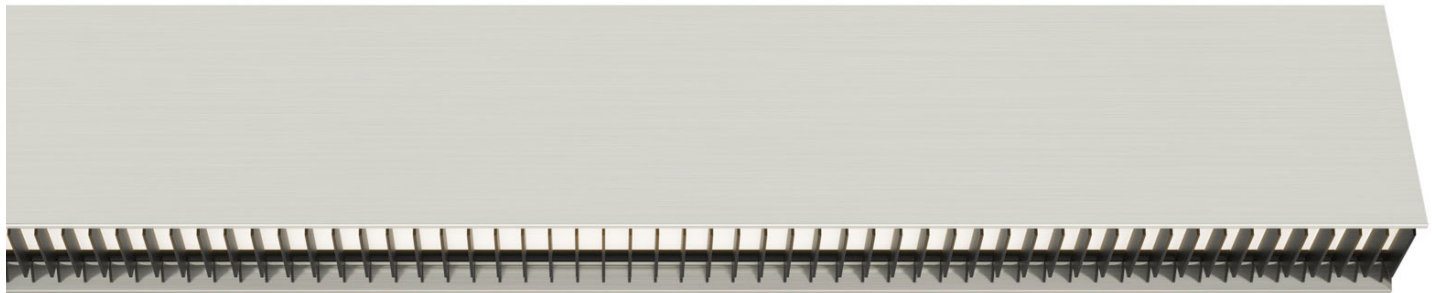
LED SUSPENSION MODULAR SYSTEM - REMOTE POWER

Nova Suspension Up/Down Modular Channel with Diffused White Lens and Clear Frosted Lens with Black Louver

Nova Suspension Up/Down Modular Channel is the primary component of the Nova Modular system. The 24VDC channel may be ordered from 12 to 120 inches and includes a Diffused White lens or Clear Frosted Lens for the Down Light, and a Clear Frosted 60 Degree Lens for the Up Light. The White lens disperses the light evenly without dots. The Clear Frosted Lens gives the most light, with the black louver it gives at least 35% less lumens than it would with no louver. Slight dotting occurs when looking straight up into the light and the Black louver cuts out the most glare. The Channel runs as long as 20 feet with 5 watts per foot and up to 13 feet with 7.5 watts per foot before refeeding.

| DESCRIPTION | NSUDDM, NSUDDWM, NSUDDBM, NSUDCWM, NSUDCBM | | | | | | | | | | | | | | | |
|-------------------------|--|------|-----|-----|-----|-----|-----|----------------|-------|-----|------|-----|------|-----|-----|-----|
| | 60 Degree Diffused Clear Frosted Lens without Louver - Uplight | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 2w (2.5 watts) | | | | | | | 5w (4.4 watts) | | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 30K | 35K | 40K | 57K | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 126 | 140 | 154 | 168 | 192 | 209 | 222 | 242 | 268.5 | 295 | 267 | 322 | 292 | 369 | 401 | 427 |
| LUMENS PER WATT (lm/w) | 50 | 55.5 | 61 | 67 | 77 | 84 | 89 | 55 | 61 | 67 | 56 | 73 | 61 | 84 | 91 | 97 |
| CRI | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

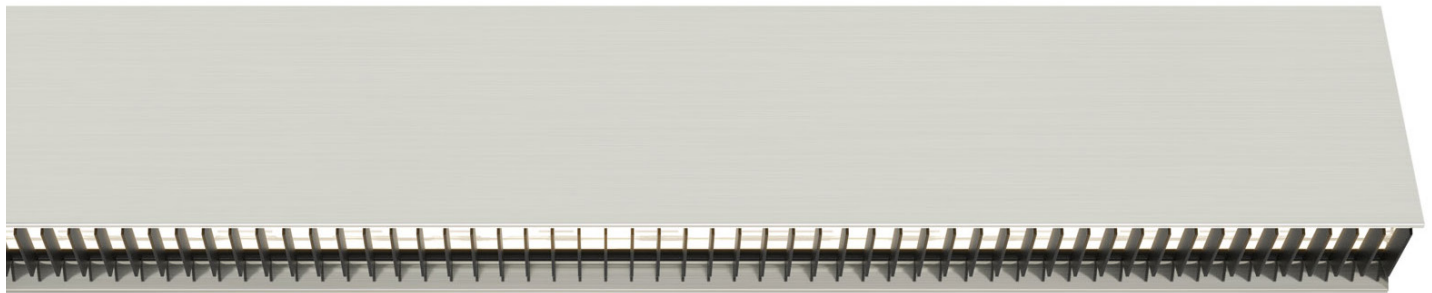


Frosted Lens with Black Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Channel with Black Louver

| DESCRIPTION | NSUDDBM | | | | | | | | | | | | | | | |
|-------------------------|--|-----|-----|------|-----|------|-----|-----|----------------|-----|-------|-----|-----|-----|-----|-----|
| | 100 DEGREE DIFFUSED WHITE LENS WITH BLACK LOUVER - DOWNLIGHT | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 5w (4.4 watts) | | | | | | | | 7w (7.5 watts) | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K | 22K | 24K | 27K | 30K | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 88 | 98 | 108 | 132 | 118 | 145 | 135 | 146 | 156 | 140 | 155.5 | 171 | 187 | 214 | 232 | 247 |
| LUMENS PER WATT (lm/w) | 20 | 22 | 24 | 28 | 27 | 30 | 31 | 33 | 35 | 19 | 21 | 23 | 26 | 29 | 32 | 34 |
| CRI | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)



Frosted Lens with Black Louver (Not actual size)

Lamp Data: Lamp data for Nova Downlight Nova Channel with Black Louver

| DESCRIPTION | NSUDCBM | | | | | | | | | | | | | | | |
|-------------------------|--|-------|-----|------|-----|------|-----|----------------|-----|-----|-------|-----|-----|-----|-----|-----|
| | 60 DEGREE CLEAR FROSTED LENS WITH BLACK LOUVER - DOWNLIGHT | | | | | | | | | | | | | | | |
| WATTS PER FOOT | 5w (4.4 watts) | | | | | | | 7w (7.5 watts) | | | | | | | | |
| COLOR TEMPERATURE | 22K | 24K | 27K | 27D* | 30K | 30D* | 35K | 40K | 57K | 22K | 24K | 27K | 30K | 35K | 40K | 57K |
| LUMENS PER FOOT (lm/ft) | 106 | 117.5 | 129 | 159 | 141 | 174 | 162 | 176 | 187 | 168 | 186.5 | 205 | 224 | 257 | 279 | 297 |
| LUMENS PER WATT (lm/w) | 24 | 26.5 | 29 | 33 | 32 | 36 | 37 | 40 | 43 | 23 | 25.5 | 28 | 31 | 35 | 38 | 41 |
| CRI | 85+ | 90+ | 95+ | 95+ | 95+ | 95+ | 85+ | 84 | 84 | 85+ | 90+ | 95+ | 95+ | 85+ | 84 | 84 |

*27D, 30D - Warm Dim (4.8 Watts)

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

Length Chart: Actual lengths for Nova Up/Down Modular Downlight Suspension, Remote Power Supply

| 22K, 24K, 27K, 30K, 35K, 40K & 57K | | | |
|------------------------------------|------------------------|------------------------------|------------------------|
| ORDERING CODE (NOMINAL SIZE) | ACTUAL LENGTH (INCHES) | ORDERING CODE (NOMINAL SIZE) | ACTUAL LENGTH (INCHES) |
| 12 | 12.0 | 68 | 67.2 |
| 15 | 14.4 | 70 | 69.6 |
| 17 | 16.8 | 72 | 72.0 |
| 20 | 19.2 | 75 | 74.4 |
| 22 | 21.6 | 77 | 76.8 |
| 24 | 24.0 | 80 | 79.2 |
| 27 | 26.4 | 82 | 81.6 |
| 29 | 28.8 | 84 | 84.0 |
| 32 | 31.2 | 87 | 86.4 |
| 34 | 33.6 | 89 | 88.8 |
| 36 | 36.0 | 92 | 91.2 |
| 39 | 38.4 | 94 | 93.6 |
| 41 | 40.8 | 96 | 96.0 |
| 44 | 43.2 | 99 | 98.4 |
| 46 | 45.6 | 101 | 100.8 |
| 48 | 48.0 | 104 | 103.2 |
| 51 | 50.4 | 106 | 105.6 |
| 53 | 52.8 | 108 | 108.0 |
| 56 | 55.2 | 111 | 110.4 |
| 58 | 57.6 | 113 | 112.8 |
| 60 | 60.0 | 116 | 115.2 |
| 63 | 62.4 | 118 | 117.6 |
| 65 | 64.8 | 120 | 120.0 |

| 27D & 30D | | | |
|------------------------------|------------------------|------------------------------|------------------------|
| ORDERING CODE (NOMINAL SIZE) | ACTUAL LENGTH (INCHES) | ORDERING CODE (NOMINAL SIZE) | ACTUAL LENGTH (INCHES) |
| 12 | 12.0 | 69 | 69.0 |
| 15 | 15.0 | 72 | 72.0 |
| 18 | 18.0 | 75 | 75.0 |
| 21 | 21.0 | 78 | 78.0 |
| 24 | 24.0 | 81 | 81.0 |
| 27 | 27.0 | 84 | 84.0 |
| 30 | 30.0 | 87 | 87.0 |
| 33 | 33.0 | 90 | 90.0 |
| 36 | 36.0 | 93 | 93.0 |
| 39 | 39.0 | 96 | 96.0 |
| 42 | 42.0 | 99 | 99.0 |
| 45 | 45.0 | 102 | 102.0 |
| 48 | 48.0 | 105 | 105.0 |
| 51 | 51.0 | 108 | 108.0 |
| 54 | 54.0 | 111 | 111.0 |
| 57 | 57.0 | 114 | 114.0 |
| 60 | 60.0 | 117 | 117.0 |
| 63 | 63.0 | 120 | 120.0 |
| 66 | 66.0 | | |

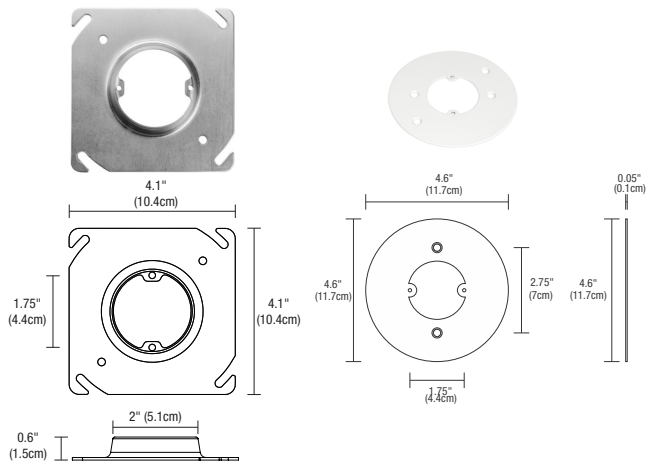
| Nova Up Light 2 Watt 100° | |
|------------------------------|--------------|
| Distance | Foot Candles |
| 1' | 90 |
| 1.5' | 58 |
| 2' | 43 |
| 3' | 27 |
| 4' | 20 |
| 5' | 15 |
| 6' | 11 |
| 7' | 9 |
| 8' | 7 |

| Nova Downlight 5 Watt 100° | |
|-------------------------------|--------------|
| Distance | Foot Candles |
| 1' | 152 |
| 1.5' | 100 |
| 2' | 74 |
| 3' | 47 |
| 4' | 34 |
| 5' | 25 |
| 6' | 20 |
| 7' | 15 |
| 8' | 13 |

| Nova Downlight 7 Watt 100° | |
|-------------------------------|--------------|
| Distance | Foot Candles |
| 1' | 251 |
| 1.5' | 165 |
| 2' | 121 |
| 3' | 79 |
| 4' | 57 |
| 5' | 43 |
| 6' | 34 |
| 7' | 27 |
| 8' | 23 |

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

Components: Swag Bar & Hook, Swag Hook, and T-Bar are compatible with all Power Canopy options and may be required based on lighting design and application.



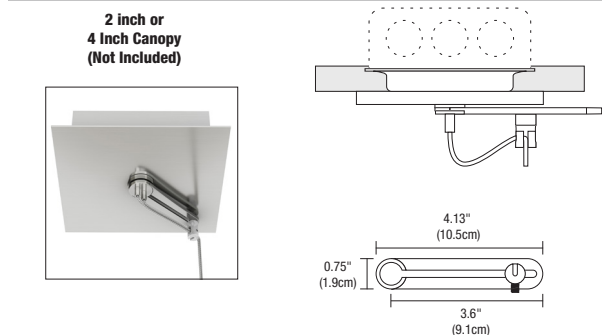
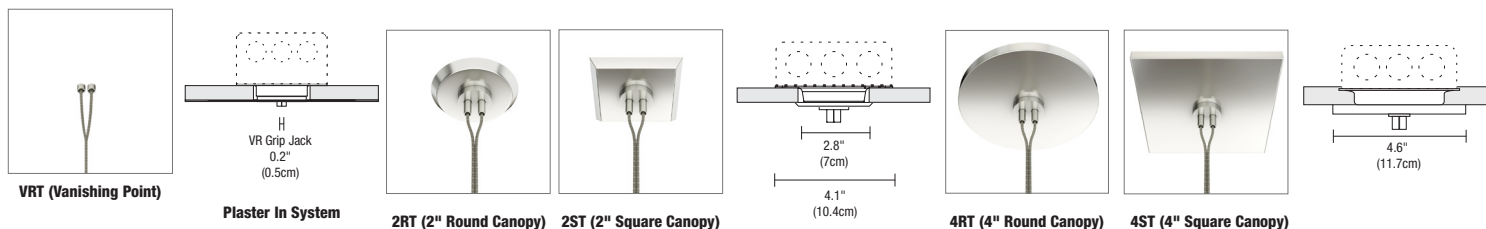
NEW CONSTRUCTION AND REMODEL 2" COVER FOR 4" SQ JUNCTION BOX

The New Construction NC2-JBOX cover is included with the 2" round and square canopies and is not required for the 4" square canopies. NC2 New Construction Junction Box Cover mounts to a standard 4" electrical box or octagon box, converting it to a 2" plaster ring for use with the 2R (round) or 2S (square) canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" square junction box and standard round plaster ring. The PS-60L-ELV-24VDC (50 watt IC, 60 watt Non-IC) will fit inside the NC2 or RM2-JBOX cover and electrical junction box for a flush look.

| System | Type |
|------------------------------|-----------------|
| NC2 | JBOX |
| NC2 New Construction 2" JBOX | JBOX JBox Cover |
| RM2 Remodel Plaster Plate | |

NOVA REMOTE POWER CANOPIES (INCLUDED)

Canopies are included with canopy ordering code. The 2" Round and Square Canopy includes a special plaster ring NC2-JBOX (above). The 4" Square or Round Canopy fits on a standard 4" Electrical Box with round plaster ring and the PS-60L-ELV-24VDC 50 watt IC, 60 watt Non-IC) will fit inside the NC2 or RM2-JBOX cover and electrical junction box for a flush look. Vanishing Point Plaster in system with No Canopy, only see cable going through drywall ceiling with Grip Jack.



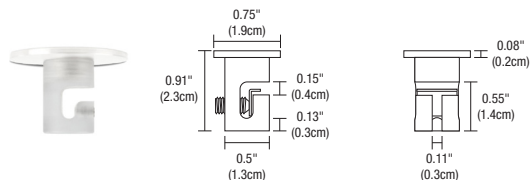
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).

| System | Type | Finish |
|-----------------------|---|-----------------|
| CS | DP-ADJ-SWAG | SN |
| CS Channel Suspension | ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB | SN Satin Nickel |

CHANNEL SUSPENSION SWAG HOOK

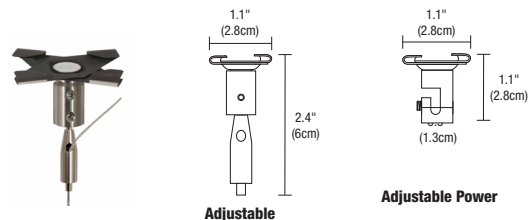
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.



| System | Type |
|-----------------------|----------------|
| CS | SWAG |
| CS Channel Suspension | SWAG Swag Hook |

PIPELINE SUSPENSION ADJUSTABLE T-BAR CLIP

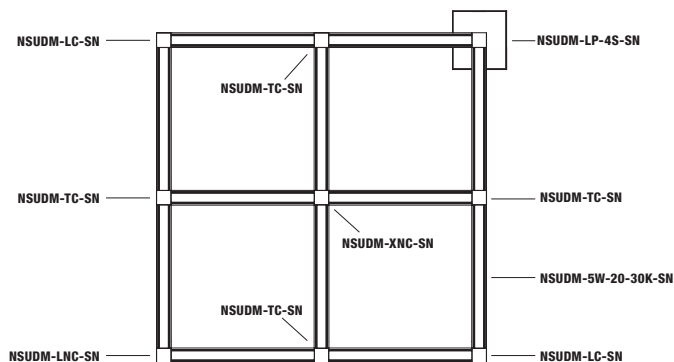
Pipeline Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel hardware as adjustable power and non-power versions.



| System | Type | Options | Finish |
|-----------------------|-----------------------|--------------------|----------------------|
| CS | TBAR | A | WH |
| CS Channel Suspension | TBAR 9/16" and 15/16" | A Adjustable Power | WH White BK Black |

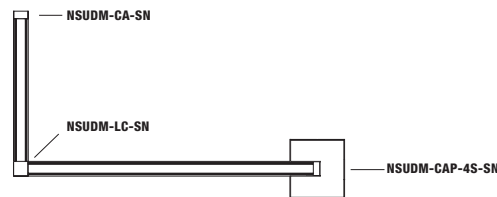
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|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

COMPONENTS: Power End Cap, End Cap, Joining Connector, and Raceway Channel



MODULAR CONFIGURATIONS

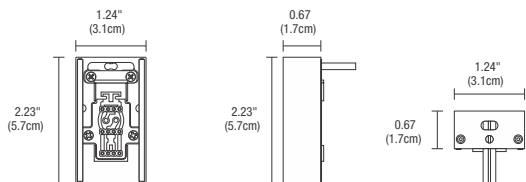
Use L, T, and X connector to design any Modular formation.



For custom design and layout assistance, send drawings to design@PureEdgeLighting.com.

END CAP POWER CABLE WITH CANOPY OR WITH NO CANOPY

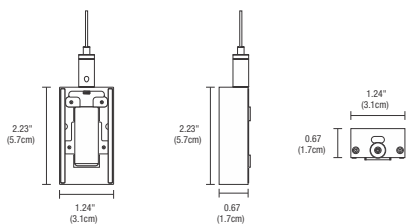
The End Cap Power Connector joins Nova Suspension Up/Down Modular channels and provide power from a remote power supply through a 2 or 4 inch canopy or use the EZ ordering code for no canopy and surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



| System | Type | Power Canopy | Finish |
|--|--------------------------|--|--|
| NSUDM | CAP | 2R | SN |
| NSUDM Nova Suspension Up/Down Modular | CAP End Cap Power | 2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy EZ End of cable with no Canopy, used for Surface Mount Power Supplies VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

END CAP

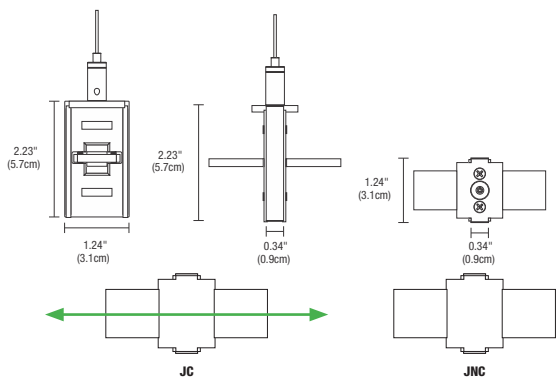
End Caps terminate the Nova Suspension Up/Down Modular channel run and provide a finished look.



| System | Type | Finish |
|--|-------------------|--|
| NSUDM | CA | SN |
| NSUDM Nova Suspension Up/Down Modular | CA End Cap | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

JOINING CONNECTOR

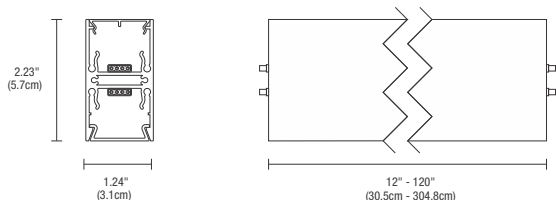
Joining Connector joins two sections of Nova Suspension Up/Down Modular channels in straight runs. It is electrically powered from the previous channel (**JC**) or isolates the power (**JNC**). Includes 12 feet of aircraft cable, which easily adjusts at connector.



| System | Type | Finish |
|--|--|--|
| NSUDM | JC | SN |
| NSUDM Nova Suspension Up/Down Modular | JC Joining Connector JNC Joining Non-Conductive Connector | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

BLANK CHANNEL - HORIZONTAL

Blank Horizontal Channel physically joins two Nova Suspension Up/Down Modular channel sections, providing structure to desired horizontal configurations without illumination. It also conducts power from one section to another. Includes 12 feet of aircraft cable, which easily adjusts at connector.



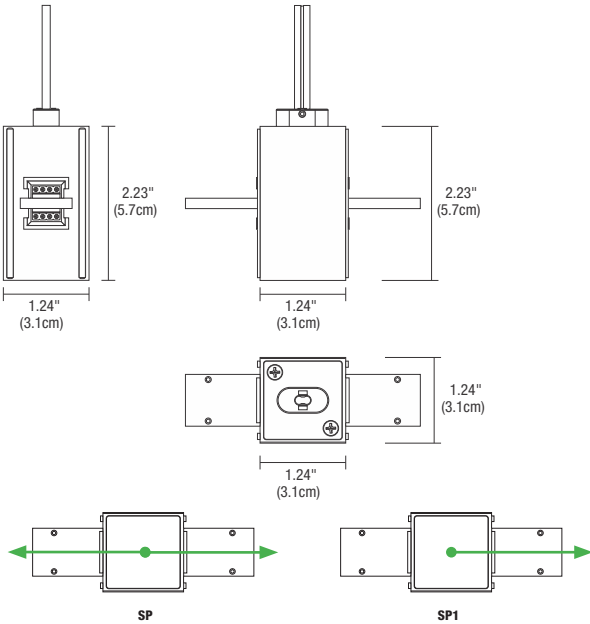
| System | Type | Length in Inches | Finish |
|--|-------------------------------------|---|---|
| NSUDM | BCH | 120 | SN |
| NSUDM Nova Suspension Up/Down Modular | BCH Blank Channel Horizontal | 12-120 Order in 12 inch increments up to 120 inches. May be custom ordered in 3, 5, 8 or 10 inch increments. | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint BZ Antique Bronze Rail |

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
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Components: Straight Connectors

STRAIGHT POWER CONNECTOR WITH CANOPY

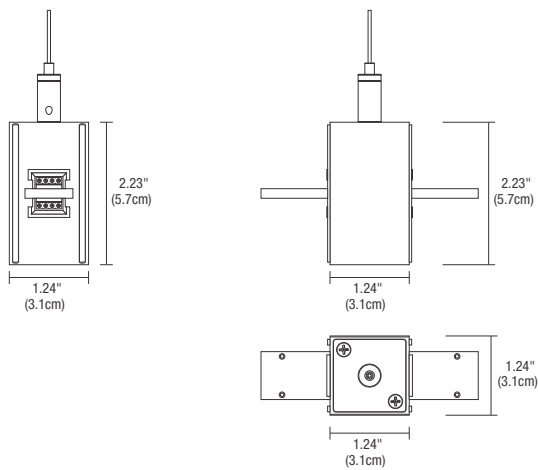
The Straight Power Connector joins two sections of Nova Suspension Up/Down Modular channels to create endless linear lighting configurations. Use as a center power feed (**SP**) electrically powering two sections from a remote power supply or feed the power to one section (**SP1**). Choose the 2 or 4 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



| System | Type | Power Canopy | Finish |
|---------------------------------------|---|--|--|
| NSUDM | SP | 2R | SN |
| NSUDM Nova Suspension Up/Down Modular | SP Straight Center Power Connector, Conductive in 2 sections SP1 Straight Power Connector, Conductive in 1 Section | 2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy EZ End of cable with no Canopy, used for Surface Mount Power Supplies VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 2RT 2.8" Round Canopy w/ Two Pair Wire for 2K4K 2ST 2.8" Square Canopy w/ Two Pair Wire for 2K4K 4RT 4.6" Round Canopy w/ Two Pair Wire for 2K4K 4ST 4.6" Square Canopy w/ Two Pair Wire for 2K4K VRT Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire for 2K4K | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

STRAIGHT CONNECTOR

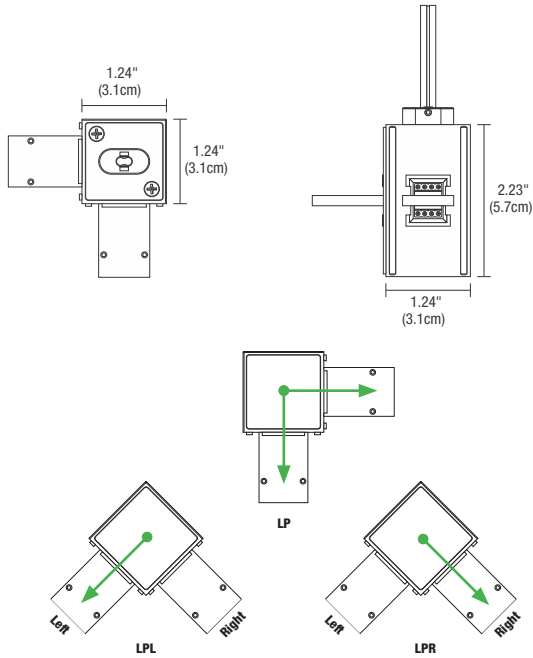
Straight Connector joins two sections of Nova Suspension Up/Down Modular channels. It is electrically powered from the previous channel (**SC**) or isolates the power (**SNC**). Includes 12 feet of aircraft cable, which easily adjusts at connector.



| System | Type | Finish |
|---------------------------------------|---|--|
| NSUDM | SC | SN |
| NSUDM Nova Suspension Up/Down Modular | SC Straight Conductive Connector SNC Straight Non-Conductive Connector | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

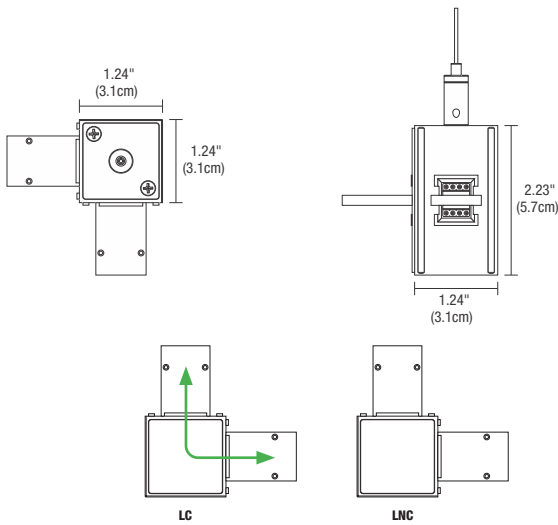
Components: L-Shaped Connectors



L-SHAPED POWER CONNECTOR WITH CANOPY

L-Shaped Power Connector joins two sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It electrically conducts the power from a remote power supply to section(s): all sections (**LP**), the left section (**LPL**) or right section (**LPR**). Choose the 2 or 4 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

| System | Type | Power Canopy | Finish |
|--|---|---|--|
| NSUDM | LP | 2R | SN |
| NSUDM Nova Suspension Up/Down Modular | LP L-Shaped Power Connector, Conductive on 2 Sections LPL L-Shaped Power Connector, Conductive on Left Section LPR L-Shaped Power Connector, Conductive on Right Section | 2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy EZ End of cable with no Canopy, used for Surface Mount Power Supplies VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 2RT 2.8" Round Canopy w/ Two Pair Wire for 2K4K 2ST 2.8" Square Canopy w/ Two Pair Wire for 2K4K 4RT 4.6" Round Canopy w/ Two Pair Wire for 2K4K 4ST 4.6" Square Canopy w/ Two Pair Wire for 2K4K VRT Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire for 2K4K | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |



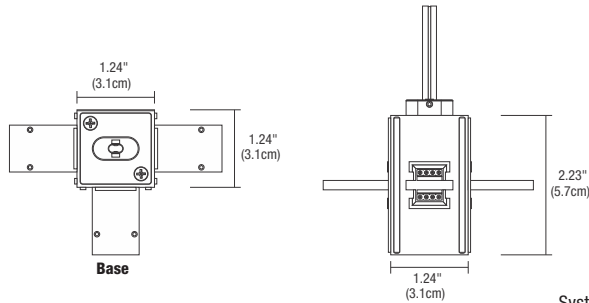
L-SHAPED CONNECTOR

L-Shaped Connector joins two sections of Nova Suspension Up/Down Modular channels at 90 degrees apart, conducting the power (**LC**) or isolating the power (**LNC**). Includes 12 feet of aircraft cable, which easily adjusts at connector.

| System | Type | Finish |
|--|---|--|
| NSUDM | LC | SN |
| NSUDM Nova Suspension Up/Down Modular | LC L-Shaped Conductive Connector LNC L-Shaped Non-Conductive Connector | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

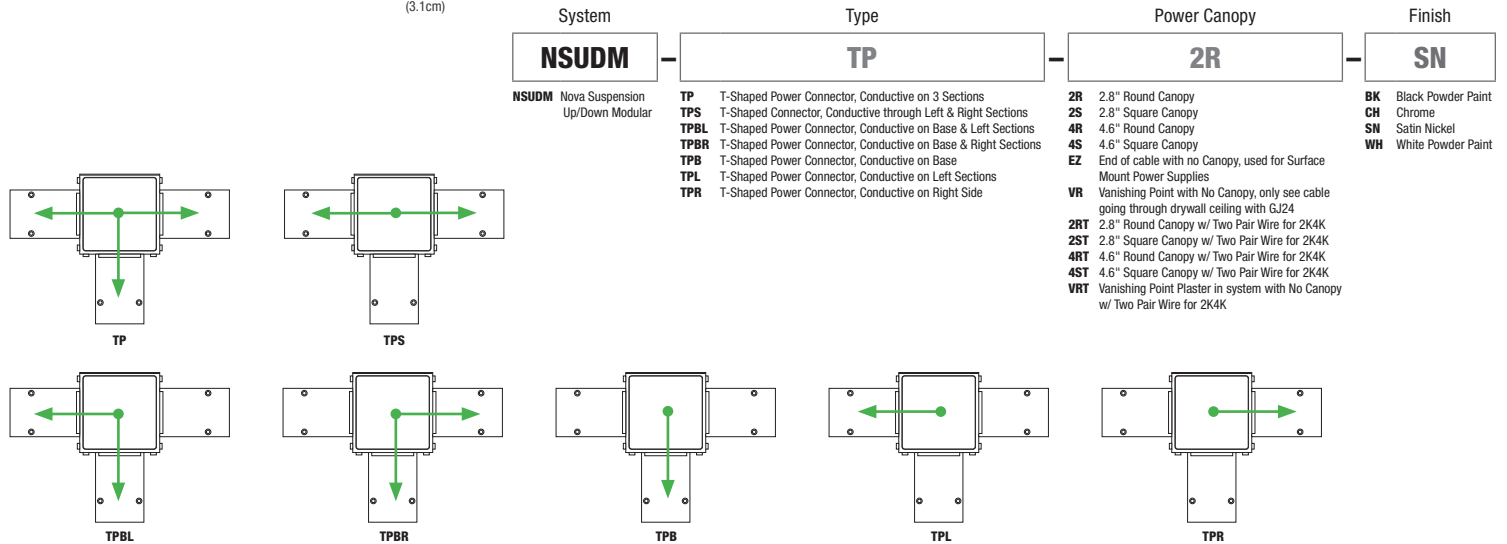
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| PROJECT | FIXTURE TYPE | DATE |
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Components: T-Shaped Connectors



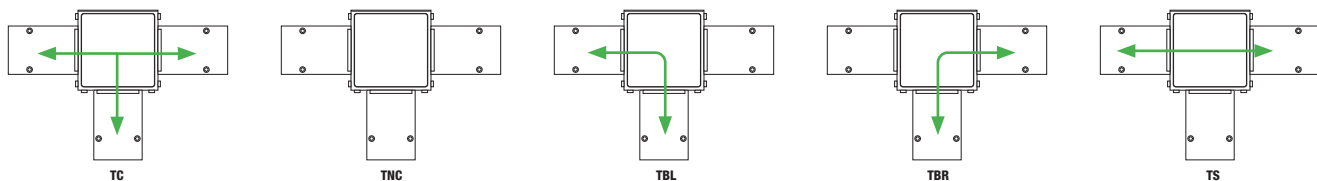
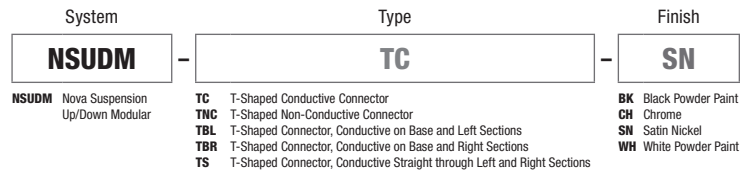
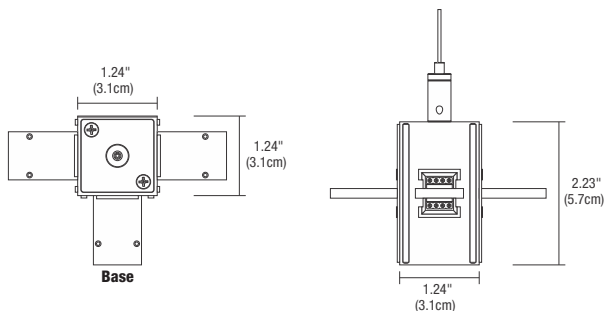
T-SHAPED POWER CONNECTOR WITH CANOPY

The T-Shaped Power Connector joins three sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It electrically conducts the power from a remote power supply to section(s): all sections (**TP**), straight left to right (**TPS**), base to left (**TPBL**), base to right (**TPBR**), base (**TPB**), left (**TPL**) or right (**TPR**). Choose the 2 or 4 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



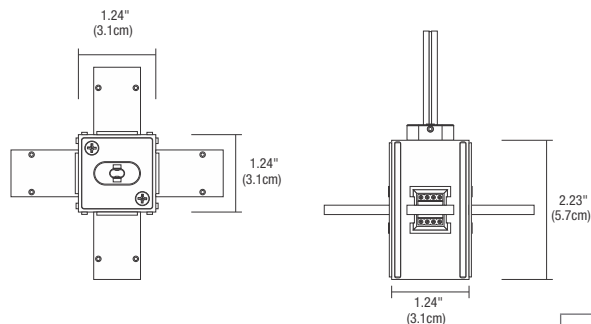
T-SHAPED CONNECTORS

T-Shaped Connector joins three sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section (**TNC**); or electrically conducts the power to section(s): all sections (**TC**), base to left section (**TBL**), base to right section (**TBR**) or straight from left to right section (**TS**). Includes 12 feet of aircraft cable, which easily adjusts at connector.



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| PROJECT | FIXTURE TYPE | DATE |
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Components: X-Shaped Connectors and 120 Degree Connectors

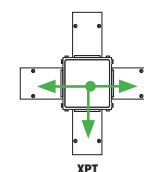
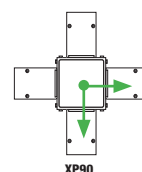
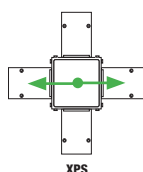
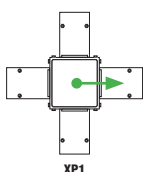
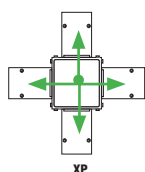


Base

X-SHAPED POWER CONNECTOR WITH CANOPY

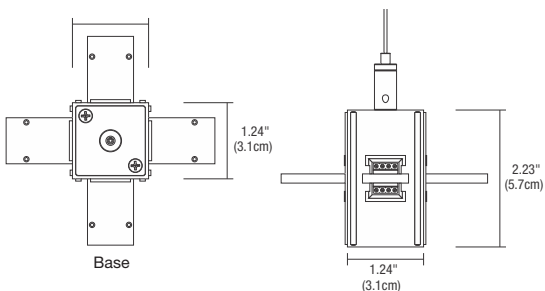
X-Shaped Power Connector joins four sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It electrically conducts the power from a remote power supply to section(s): all sections (**XP**), one section (**XP1**), straight through two sections (**XPS**), two sections with 90 degree turn (**XP90**), or in a T-Shaped section (**XPT**). Choose the 2 or 4 inch canopy or use the EZ ordering code for no canopy and use surface mount power canopies (sold separately). Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

| System | Type | Power Canopy | Finish |
|--|--|---|--|
| NSUDM | XP | 2R | SN |
| NSUDM Nova Suspension Up/Down Modular | XP X-Shaped Power Connector, Conductive on 4 Sections XP1 X-Shaped Power Connector, Conductive on 1 Section XPS X-Shaped Power Connector, Conductive Straight through 2 Sections XP90 X-Shaped Power Connector, Conductive on 2 Sections, 90 Degree Turn XPT X-Shaped Power Connector, Conductive on 3 Sections | 2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy EZ End of cable with no Canopy, used for Surface Mount Power Supplies VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 2RT 2.8" Round Canopy w/ Two Pair Wire for 2K4K 2ST 2.8" Square Canopy w/ Two Pair Wire for 2K4K 4RT 4.6" Round Canopy w/ Two Pair Wire for 2K4K 4ST 4.6" Square Canopy w/ Two Pair Wire for 2K4K VRT Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire for 2K4K | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |



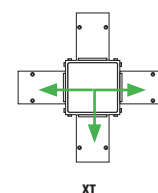
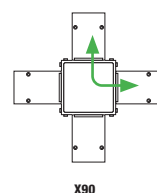
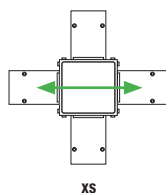
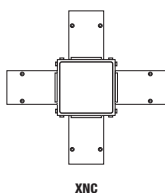
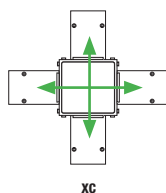
X-SHAPED CONNECTOR

X-Shaped Connector joins four sections of Nova Suspension Up/Down Modular channels at 90 degrees apart. It isolates the power of each section (**XNC**) or electrically conducts the power to section(s): all sections (**XC**), straight through two sections (**XS**), two sections with 90 degree turn (**X90**), or in a T-Shaped section (**XT**). Includes 12 feet of aircraft cable, which easily adjusts at connector.



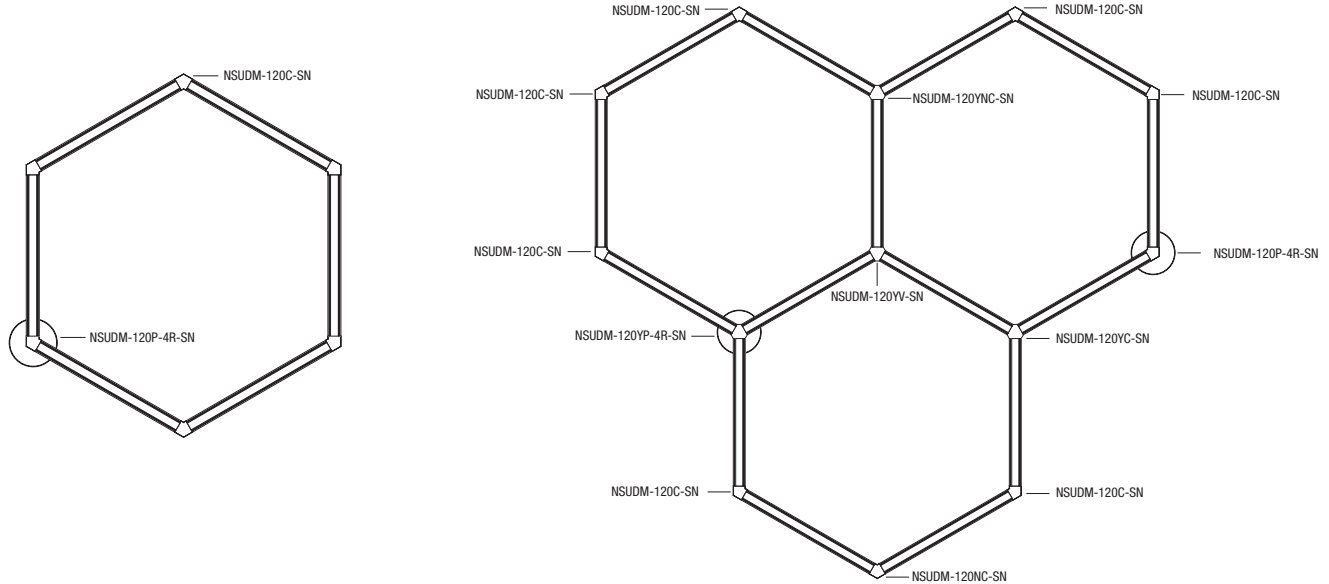
Base

| System | Type | Finish |
|--|--|--|
| NSUDM | XC | SN |
| NSUDM Nova Suspension Up/Down Modular | XC X-Shaped Conductive Connector XNC X-Shaped Non-Conductive Connector XS X-Shaped Connector, Conductive Straight through 2 Sections X90 X-Shaped Connector, Conductive on 2 Sections, 90 Degree Turn XT X-Shaped Connector, Conductive on 3 Sections | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

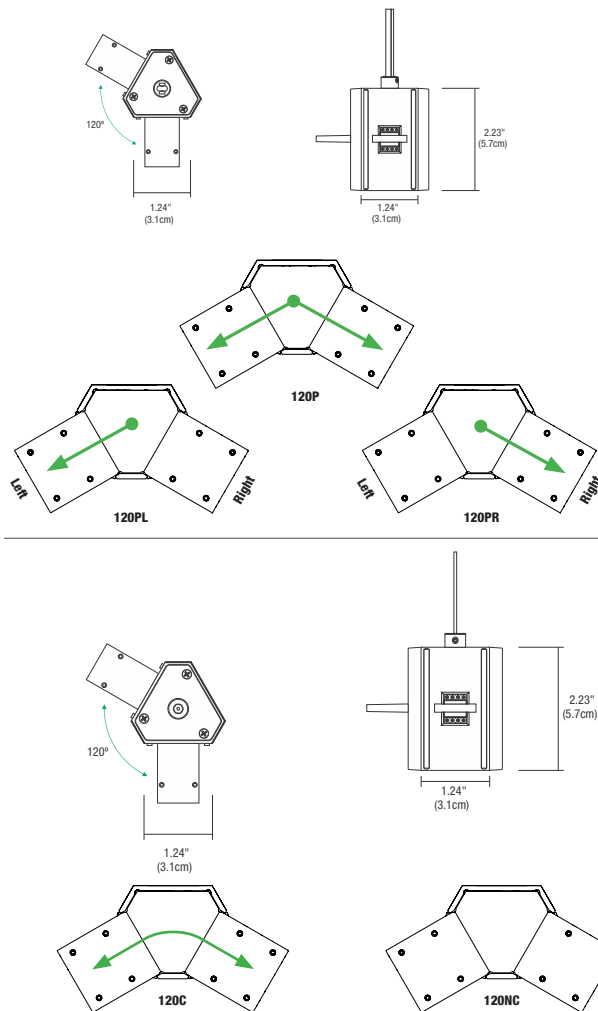


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| PROJECT | FIXTURE TYPE | DATE |
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Components: 120 Degree Connectors



Hexagon Configuration, 120 degree connectors: Use 120P and 120C to design any size from 25 inches to 25 feet



120 DEGREE POWER CONNECTOR WITH CANOPY

120 Degree Power Connector joins two sections of Nova Suspension Modular Downlight at 120 degrees apart. It electrically conducts the power from a remote power supply to section(s); all sections (**120P**), the left section (**120PL**) or right section (**120PR**). Choose the 2 or 4 inch canopy, or use the EZ code for surface mount power supply. Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.

| System | Type | Power Canopy | Finish |
|--|---|---|--|
| NSUDM | 120P | 2R | SN |
| NSUDM Nova Suspension Up/Down Modular | 120P 120 Degree Power Connector 120PL 120 Degree Power Connector, Conductive on Left Sections 120PR 120 Degree Power Connector, Conductive on Right Sections | 2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy EZ End of cable with no Canopy, used for Surface Mount Power Supplies VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 2RT 2.8" Round Canopy w/ Two Pair Wire for 2K4K 2ST 2.8" Square Canopy w/ Two Pair Wire for 2K4K 4RT 4.6" Round Canopy w/ Two Pair Wire for 2K4K 4ST 4.6" Square Canopy w/ Two Pair Wire for 2K4K VRT Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire for 2K4K | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

120 DEGREE CONNECTOR

120 Degree Connector joins two sections of Nova Suspension Modular Downlight at 120 degrees apart, conducting the power to all sections (**120C**) or isolating the power (**120NC**). Includes 12 feet of adjustable aircraft cable and ceiling anchors.

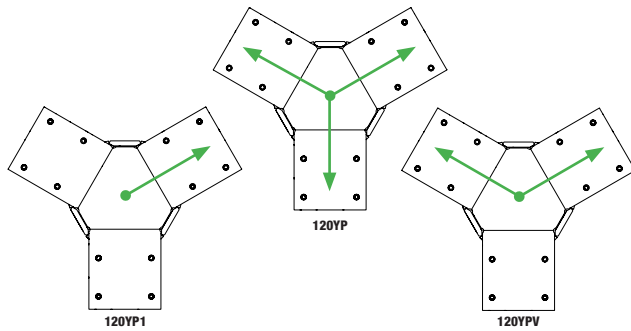
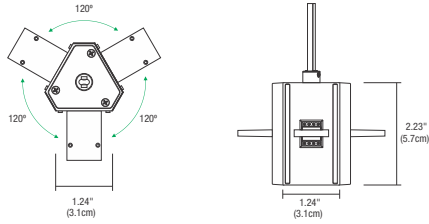
| System | Type | Finish |
|--|--|--|
| NSUDM | 120C | SN |
| NSUDM Nova Suspension Up/Down Modular | 120C 120 Degree Connector 120NC 120 Degree Non-Conductive Connector | BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint |

| | | |
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| PROJECT | FIXTURE TYPE | DATE |
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Honeycomb Configuration, 120 degree connectors: Use 120YP, 120P, 120YC, and 120C to design any size from 25 inches to 25 feet

120 DEGREE Y-SHAPED POWER CONNECTOR WITH CANOPY

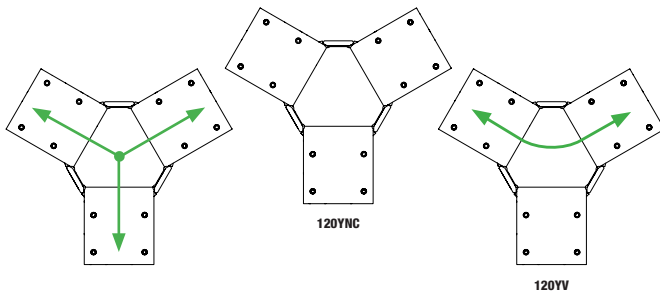
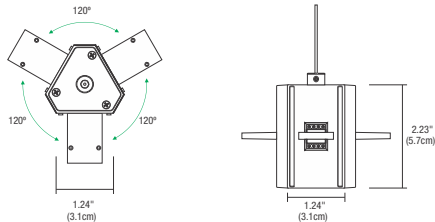
120 Degree Y-Shaped Power Connector joins and powers three sections of Nova Suspension Modular Downlight at 120 degrees apart. It electrically conducts the power from a remote power supply to section(s): all sections (**120YP**), one section (**12YP1**) or two sections (**120YPV**). Choose the 2 or 4 inch canopy, or use the EZ code for surface mount power supply. Includes two coaxial power cables to switch the Up and Down light separately, 2K4K switched and controlled as one. Also includes 12 feet of power cable, which easily adjusts at the canopy with the push-in grip jack connector.



| System | Type | Power Canopy | Finish |
|---|---|---|---------------------------------|
| NSUDM Nova Suspension Up/Down Modular | 120YP 120 Degree Y-Shaped Power Connector | 2R 2.8" Round Canopy | BK Black Powder Paint |
| | 120YP1 120 Degree Y-Shaped Power Connector Conductive 1 Section | 2S 2.8" Square Canopy | CH Chrome |
| | 120YPV 120 Degree Y-Shaped Power Connector, Conductive 2 Sections | 4R 4.6" Round Canopy | SN Satin Nickel |
| | | 4S 4.6" Square Canopy | WH White Powder Paint |
| | | EZ End of cable with no Canopy, used for Surface Mount Power Supplies | |
| | | VR Vanishing Point with No Canopy, only see cable going through drywall ceiling with GJ24 | |
| | | 2RT 2.8" Round Canopy w/ Two Pair Wire for 2K4K | |
| | | 2ST 2.8" Square Canopy w/ Two Pair Wire for 2K4K | |
| | | 4RT 4.6" Round Canopy w/ Two Pair Wire for 2K4K | |
| | | 4ST 4.6" Square Canopy w/ Two Pair Wire for 2K4K | |
| | | VRT Vanishing Point Plaster in system with No Canopy w/ Two Pair Wire for 2K4K | |

120 DEGREE Y-SHAPED CONNECTOR

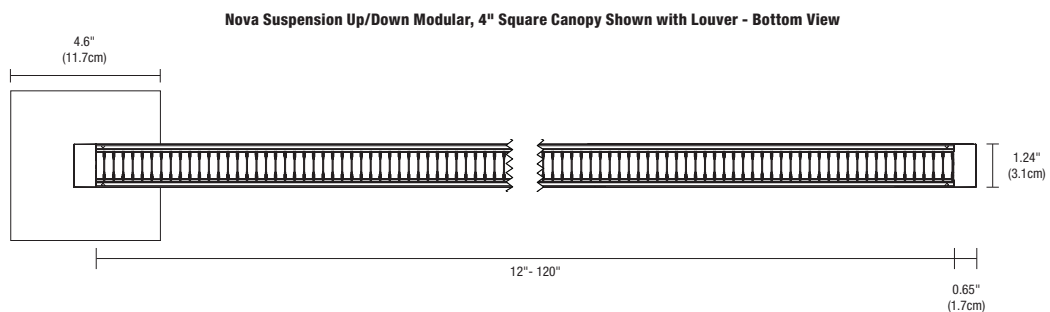
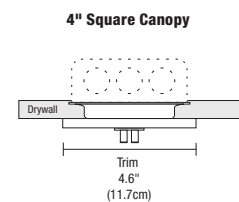
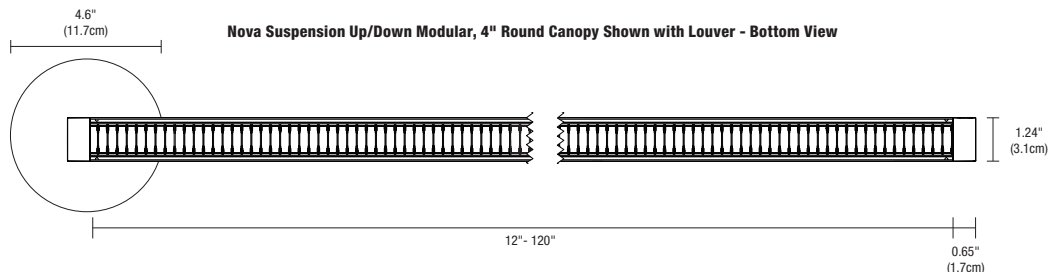
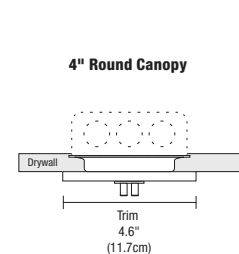
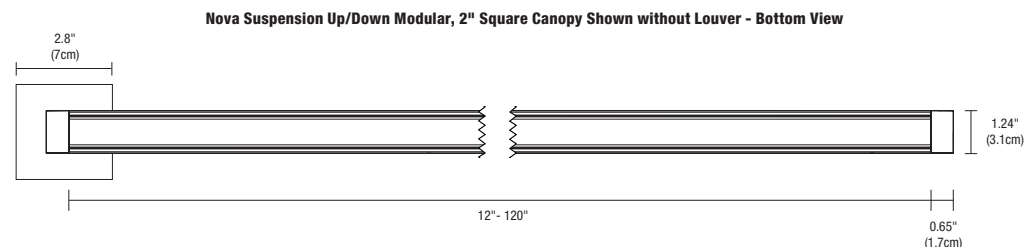
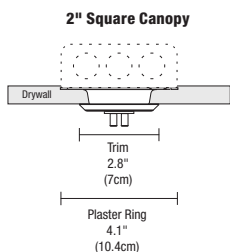
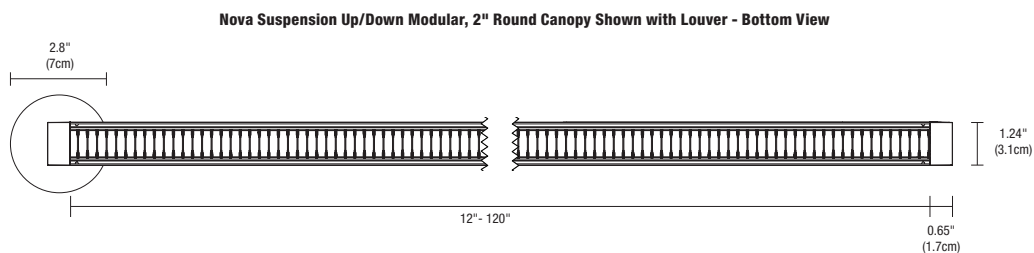
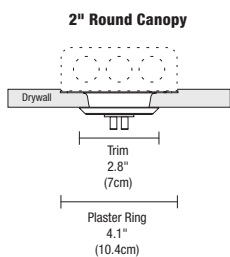
120 Degree Y-Shaped Connector joins three sections of Nova Suspension Modular Downlight at 120 degrees apart. It isolates the power of each section (**120YNC**); or electrically conducts the power to section(s): all sections (**120YC**) or straight through two sections (**120YV**). Includes 12 feet of adjustable aircraft cable and ceiling anchors.



| System | Type | Finish |
|---|--|---------------------------------|
| NSUDM Nova Suspension Up/Down Modular | 120YNC 120 Degree Y-Shaped Non-Conductive Connector | BK Black Powder Paint |
| | 120YC 120 Degree Y-Shaped Conductive Connector | CH Chrome |
| | 120YV 120 Degree Y-Shaped Conductive Straight through 2 Sections | SN Satin Nickel |
| | | WH White Powder Paint |

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

Drawings: Drawings are shown with 2 inch round canopy, 2 inch square canopy, 4 inch round canopy, and 4 inch square canopy



Finishes: The finishes available for the Nova Suspension Up and Down with Remote Power - End Feed



BK
Satin Black



CH
Chrome



SB
Satin Brass



SN
Satin Nickel

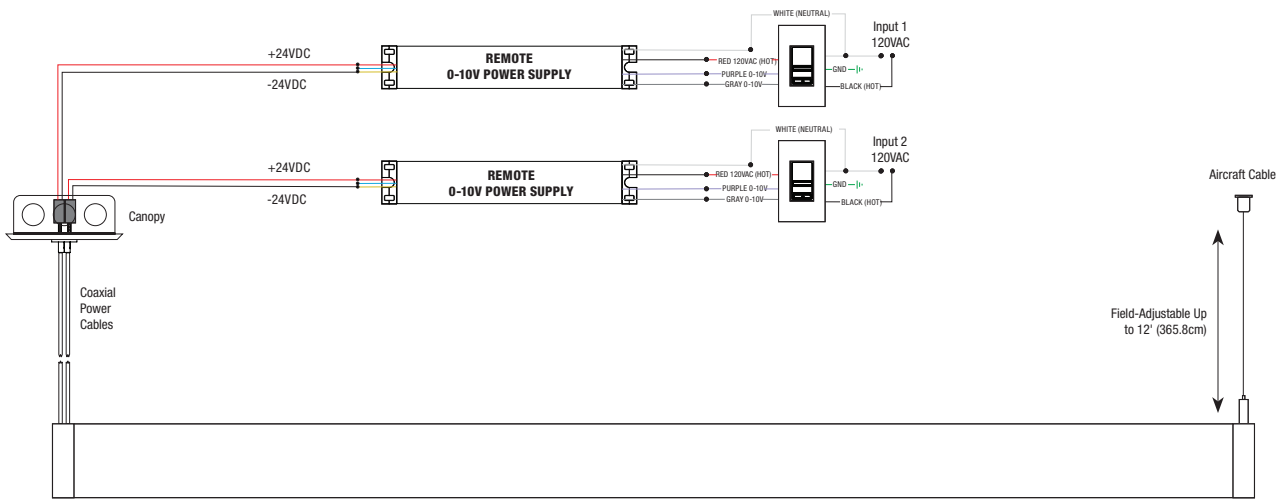


WH
White

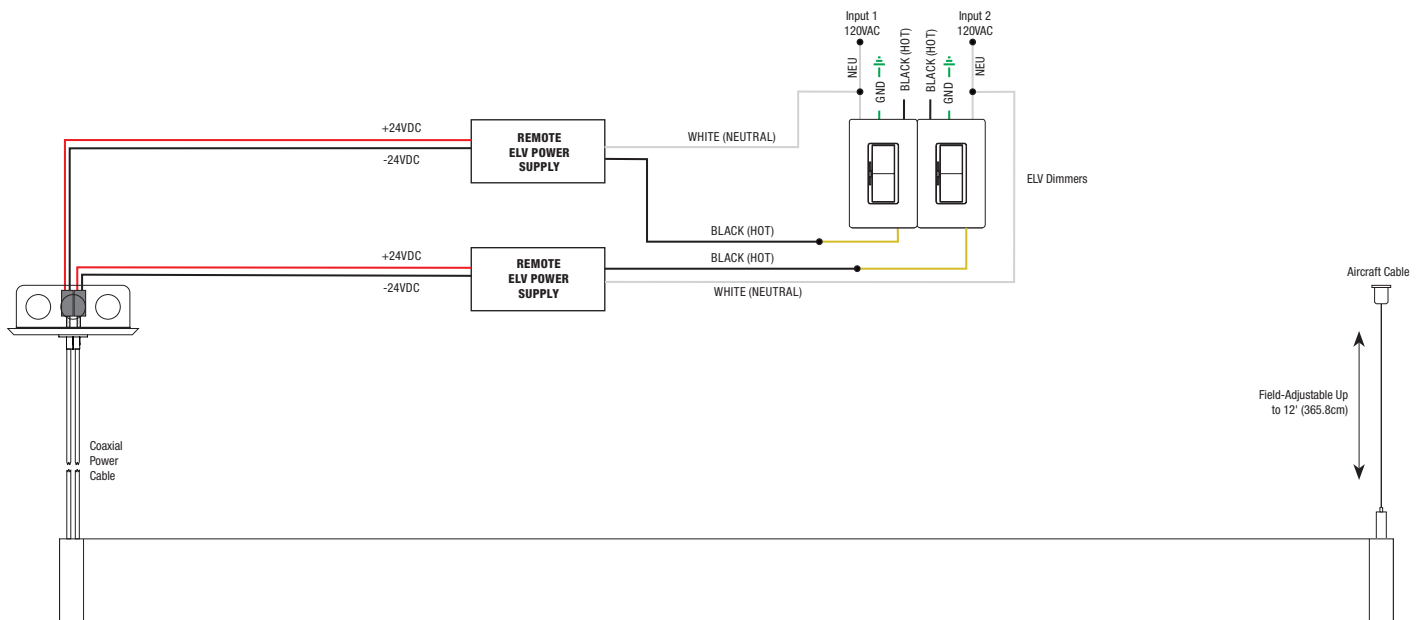
| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

Wirings: Wiring diagrams for 0-10V dimming and ELV dimming

- Application:** 0-10V dimming for Nova Up/Down Modular
- Power Supply:** Class 2, 24VDC output: 120-277VAC input, PSB-2X96W-010 -24VDC
- Dimming:** Dimmable with 0-10V dimmer using power supplies above: Signify by Philips SR1200ZTUNV, 0-10V dimmer recommended



- Application:** ELV dimming for Nova Up/Down Modular
- Dimming:** Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|
|---------|--------------|------|

Required Components: Grip jack suspension canopies with power supplies

| GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE) | | | | |
|---|---|--|---|--|
| ORDERING CODES | GSP-4RD-1DP-50-ELV-____ GSP-4SQ-1DP-50-ELV-____ | GSP-5SQ-1DP-2X60-ELV-____ | GSP-5SQ-1DP-2X60-ELV-____ | GSP-6SQ-1DP-2X100-ELV-____ |
| SPECIFICATIONS | | | | |
| DESCRIPTION | Grip Jack Suspension canopy with Remodel 4.6" canopy and 50 watt power supply that fits in existing junction box with 1-port power feed | 2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed | 2x60W Grip Jack Suspension 5" square Surface Mount canopy with 2-port feed used with Nova Up/Down | 2x100W or 2x150W Grip Jack Suspension 6" square Surface Mount canopy with Dual-Port feed |
| MAXIMUM LOAD | 60W-NON IC, 50W-IC (FITS IN JBOX) | 2X60W | 2X60W | 2X100W |
| INPUT VOLTAGE | 120VAC | 120VAC | 120VAC | 120VAC |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC | 24VDC |
| DIMENSIONS | 4.6" x 4.6" x .2" | 5.5" X 5.5" X 1.5" | 5.5" X 5.5" X 1.5" | 6.5" X 6.5" X 1.875" |
| FINISH | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH |
| CLASSIFICATION | CLASS 2 | CLASS 2 | CLASS 2 | 100W CLASS 2 150W UL2108 |
| MOUNTING | REMODEL CONSTRUCTION POWER SUPPLY RECESSED IN JBOX | SURFACE MOUNT | SURFACE MOUNT | SURFACE MOUNT |
| EFFICIENCY | 85% | 85% | 85% | 85% |
| SHORT CIRCUIT PROTECTION | YES | YES | YES | YES |
| OVER TEMPERATURE PROTECTION | YES | YES | YES | YES |
| WORKING TEMPERATURE | -30°C TO 90°C | -30°C TO 90°C | -30°C TO 90°C | -30°C TO 90°C |
| DIMMING AND CONTROLS | | | | |
| LUTRON DIVA: DVELV-300P | • | • | • | • |
| LUTRON SKYLARK: SELV-300P | • | • | • | • |
| LUTRON RADIO RA2: RRD-6NA | N/A | • | • | • |
| LUTRON MAESTRO: MAELV-600 | • | • | • | • |
| LEGRAND ADORNE: ADTP-703TUM4 | N/A | • | • | • |

| GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES (USE WITH "EZ" ORDERING CODE)* | | | | |
|--|--|--|---|---|
| ORDERING CODE | GSP-12RE-1P-60-010-SN | GSP-26RE-2P-60-010-SN | GSP-26RE-1P-100-010-SN | GSP-26RE-2P-2X100-010-SN |
| SPECIFICATIONS | | | | |
| DESCRIPTION | 12" x 5" Surface Mount Power Canopy with a 60 Watt, 0-10V Power Supply & 1-Port Feed | 26" x 5" Surface Mount Power Canopy with two 60 Watt, 0-10V Power Supply & 2-Port Feed | 26" X 5" Surface Mount Power Canopy with a 100 Watt, 0-10V Power Supply & 1-Port Feed | 26" X 5" Surface Mount Power Canopy with a 2x100 watt, 0-10V Power Supply & 1-Port Feed |
| MAXIMUM LOAD | 60W | 2X60W, 120 MAX. | 100W | 2x100W |
| INPUT VOLTAGE | 120VAC | 120-277VAC | 120-277VAC | 120-277VAC |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC | 24VDC |
| DIMENSIONS | 12" X 5" CANOPY, 13" X 6" COVER PLATE | 26" X 5" CANOPY, 13" X 6" COVER PLATE | 26" X 5" CANOPY, 27" X 6" COVER PLATE | 26" X 5" CANOPY, 27" X 6" COVER PLATE |
| FINISHES | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH | BK, CH, SN, WH |
| MOUNTING | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY | SURFACE MOUNT CANOPY |
| EFFICIENCY | 90% | 90% | 90% | 90% |
| SHORT CIRCUIT PROTECTION | YES | YES | YES | YES |
| WORKING TEMPERATURE | -30°C TO 90°C | -30°C TO 90°C | -30°C TO 90°C | -30°C TO 90°C |
| DIMMING & CONTROLS | | | | |
| PHILIPS SUNRISE: SR1200ZTUNV | • | • | • | • |
| LUTRON DIVA: DVTV-WH | • | • | • | • |
| LUTRON NOVA T: NTSTV-DV-XX | • | • | • | • |
| LUTRON GRAFIX EYE QS: QSGRJ-XP | • | • | • | • |
| LUTRON RADIO RA2: RRD-10ND | • | • | • | • |
| LEVITON: LEV40050 | • | • | • | • |
| LEVITON IP710-LFZ | • | • | • | • |
| LEGRAND: ADPD4FBL3P2W4 | • | • | • | • |

*Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

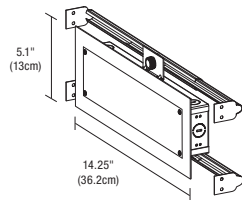
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|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

| ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡} | | | | |
|---|-----------------------------------|---------------------------------|---------------------------------|-------------------------------|
| ORDERING CODES | PS-60L-ELV-24VDC | PSB-60W-ELV-24VDC | PSB-2X60W-ELV-24VDC | PSB-100W-ELV-24VDC |
| SPECIFICATIONS | | | | |
| MAXIMUM LOAD | 60W NON-IC, 50W-IC (FITS IN JBOX) | 60W | 2X60W | 96W |
| INPUT VOLTAGE | 120VAC | 120VAC | 120VAC | 120VAC |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC | 24VDC |
| DIMENSIONS | 2.25" X 1.25" X 0.83" | 8.125" X 2" X 1.75" | 12.15" X 6.48" X 2.18" | 9.25" X 3.5" X 2" |
| CLASSIFICATION | CLASS 2 | CLASS 2 | CLASS 2 | CLASS 2 |
| IN WALL MOUNTING | N/A | PSB-60W-ELV-24VDC-IW | PSB-2X60W-ELV-24VDC-IW | PSB-100W-ELV-24VDC-IW |
| ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡} | | | | |
| ORDERING CODES | PSB-2X100W-ELV-24VDC | PSB-3X100W-ELV-24VDC | PSB-4X100W-ELV-24VDC | |
| SPECIFICATIONS | | | | |
| MAXIMUM LOAD | 2X96W | 3X96W | 4X96W | |
| INPUT VOLTAGE | 120VAC | 120VAC | 120VAC | |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC | |
| DIMENSIONS | 12.15" X 6.48" X 2.18" | 14" X 10" X 3" | 17" X 13" X 3" | |
| CLASSIFICATION | CLASS 2 | CLASS 2 | CLASS 2 | |
| IN WALL MOUNTING | PSB-2X100W-ELV-24VDC-IW | N/A | N/A | |
| DIMMING AND CONTROLS | | | | |
| LUTRON DIVA: DVELV-300P | • | • | • | |
| LUTRON SKYLARK: SELV-300P | • | • | • | |
| LUTRON RADIO RA2: RRD-6NA | • | • | • | |
| LUTRON MAESTRO: MAELV-600 | • | • | • | |
| LEGRAND ADORNE: ADTP-703TUM4 | • | • | • | |

[†]22K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies. Tunable White (2K4K) color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

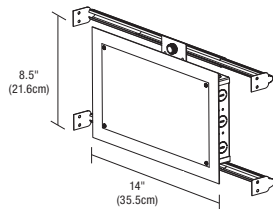
[‡]Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

With N-Lite Dimming Do not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-60W-ELV-24VDC-IW
PSB-100W-ELV-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

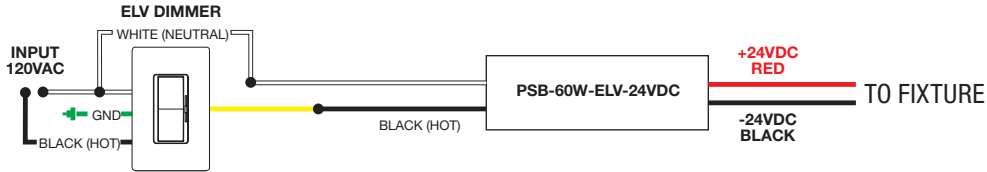
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
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SAMPLE WIRING DIAGRAMS 24VDC ELV

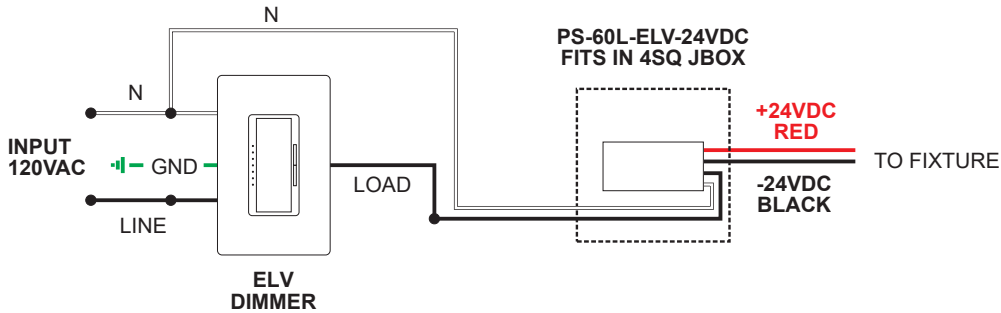
Application: ELV dimming for Static White

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



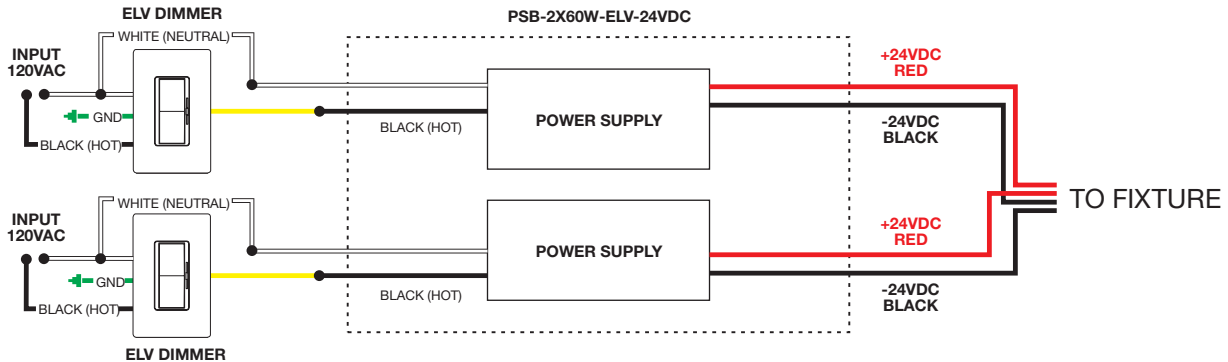
Application: ELV dimming for Static White

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2









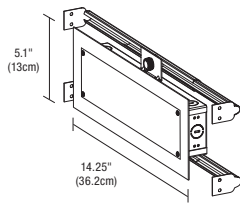
Application: Dual ELV dimming for Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



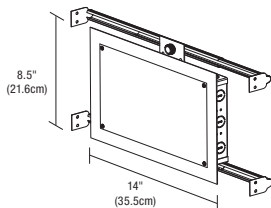
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| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

| 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS† | | | | |
|---|---|---|---|---|
| ORDERING CODE |  |  |  |  |
| SPECIFICATIONS | | | | |
| MAXIMUM LOAD | 25W | 60W | 96W | 2X96W |
| INPUT VOLTAGE | 120VAC | 120-277VAC | 120-277VAC | 120-277VAC |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC | 24VDC |
| DIMENSIONS | 12.4" X 3.12" X 2.18" | 12.4" X 3.12" X 2.18" | 12.4" X 3.12" X 2.18" | 12.15" X 6.48" X 2.18" |
| CLASSIFICATION | CLASS 2 | CLASS 2 | CLASS 2 | CLASS 2 |
| IN-WALL MOUNTING | PSB-25W-010-24VDC-IW | PSB-60W-010-24VDC-IW | PSB-96W-010-24VDC-IW | PSB-2X96W-010-24VDC-IW |
| 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS† | | | | |
| ORDERING CODE |  | |  | |
| SPECIFICATIONS | | | | |
| MAXIMUM LOAD | 3X96W | | 4X96W | |
| INPUT VOLTAGE | 120-277VAC | | 120-277VAC | |
| OUTPUT VOLTAGE | 24VDC | | 24VDC | |
| DIMENSIONS | 14" X 10" X 3" | | 17" X 13" X 3" | |
| CLASSIFICATION | CLASS 2 | | CLASS 2 | |
| IN-WALL MOUNTING | N/A | | N/A | |
| DIMMING & CONTROLS | | | | |
| PHILIPS SUNRISE: SR1200ZTUNV | • | | • | |
| LUTRON DIVA: DVTV-WH, DVSTV-WH | • | | • | |
| LUTRON NOVA T: NTSTV-DV-XX | • | | • | |
| LUTRON GRAFIX EYE QS: QSGRJ-XP | • | | • | |
| LUTRON RADIO RA2: RRD-10ND | • | | • | |
| LEVITON: LEV40050 | • | | • | |
| LEVITON IP710-LFZ | • | | • | |
| LEGRAND: ADPD4FBL3P2W4 | • | | • | |



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

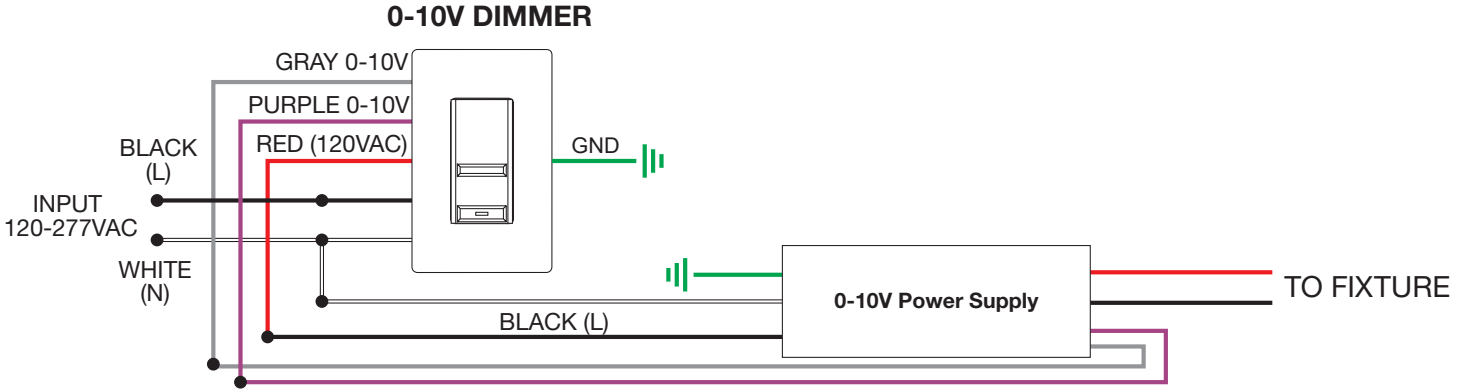
Ordering Codes: PSB-2X96W-010-24VDC-IW

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

SAMPLE WIRING DIAGRAMS 24VDC 010

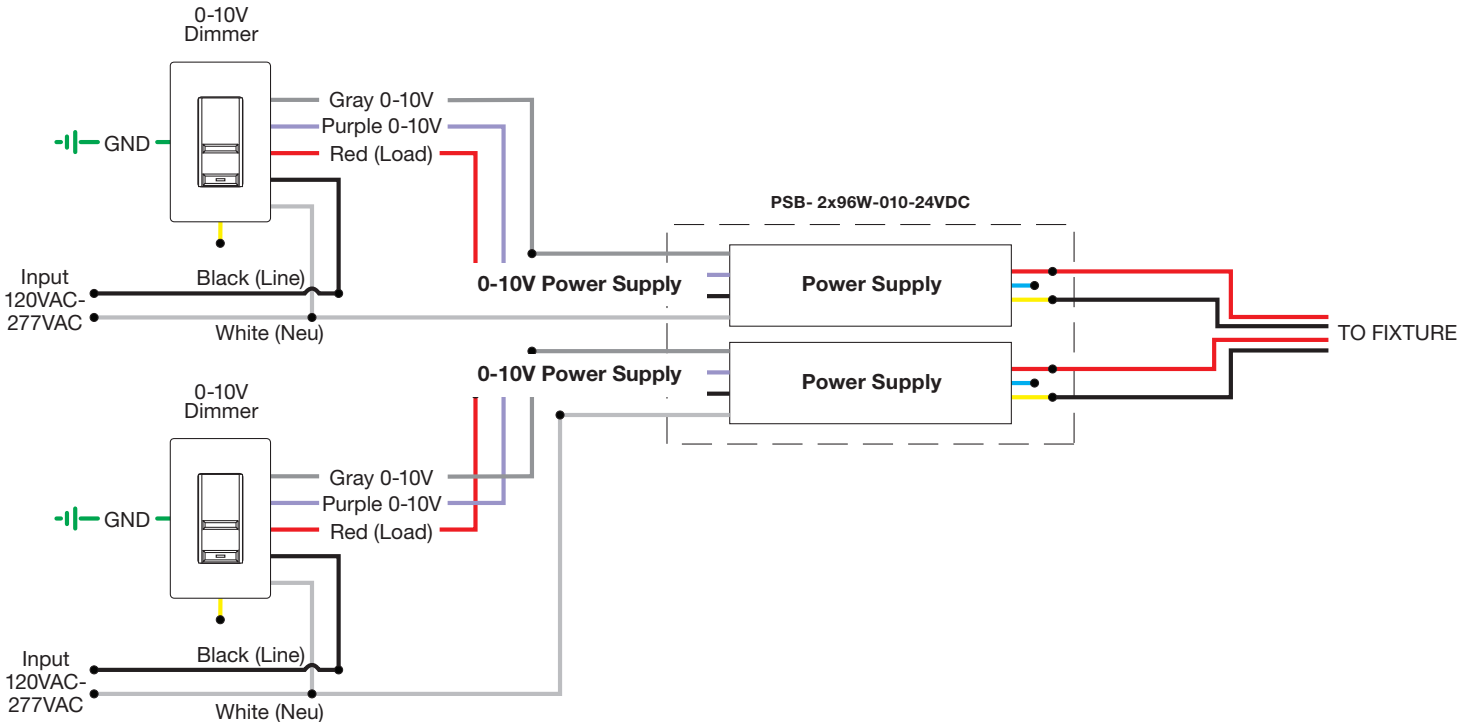
Application: 0-10V Dimming Applications For Static White and Warm Dim 0-10V Dual Dimming.

Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)






Application: Dual 0-10V dimming for Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Dual 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light), Legrand Dimmer: ADPD4FBL3P2W4, Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

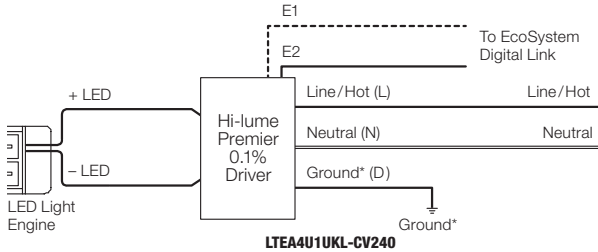


| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|
| | | |

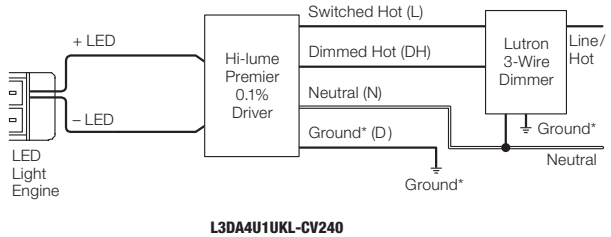
| LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®† | | | |
|---|---|--|---|
| ORDERING CODES | L3D0-96W24V-U | 2-WIRE ECOSYSTEM LTEA4U1UKL-CV240 | 3-WIRE ECOSYSTEM L3DA4U1UKL-CV240 |
| |  |  |  |
| SPECIFICATIONS | | | |
| MAXIMUM LOAD | 96W | 5W-40W | 5W-40W |
| INPUT VOLTAGE | 120-277VAC | 120-277VAC | 120-277VAC |
| OUTPUT VOLTAGE | 24VDC | 24VDC | 24VDC |
| DIMENSIONS | 10.5" X 5.5" X 2" | 4" X 4.89" X 2.62" | 4" X 4.89" X 2.62" |
| CLASSIFICATION | CLASS 2 | CLASS 2 | CLASS 2 |
| DIMMING AND CONTROLS | | | |
| RADIO RA2 | • | • | • |
| HOMEWORKS QS | • | • | • |
| PHPM-3F-120 | • | • | • |
| PHPM-3F-DV | • | • | • |
| BCI-0-10 | • | • | • |

†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

2-Wire EcoSystem Wiring Diagram




3-Wire Wiring Diagram



24VDC, DALI

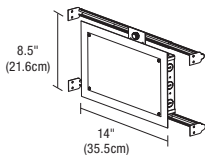
REQUIRED COMPONENTS 24VDC DMX RGB Compatible Power Supplies

| DALI DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS† | |
|---|---|
| ORDERING CODE | PSB-100W-24VDC-DALI  |
| SPECIFICATIONS | |
| MAXIMUM LOAD | 100W |
| INPUT VOLTAGE | 120-277VAC |
| OUTPUT VOLTAGE | 24VDC |
| DIMENSIONS | 12.14" X 6.48" X 2.18" |
| CLASSIFICATION | CLASS 2 |
| IN-WALL MOUNTING | PSB-100W-24VDC-DALI-IW |
| DIMMING & CONTROLS | |
| TOUCH SCREEN CONTROLLER (CTP) | • |
| DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW) | • |
| DALI COMPATIBLE | • |

†2400K-5700K Color Temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) Color Temperatures are only compatible with ELV Power Supplies.

Tunable White (2K4K) Color Temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

Classification: UL2108 - * 24VDC over 100 Watts, wires must be in insulated cable in compliance with local code from Remote Power Supply to J-box.



8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

ORDERING CODES: PSB-100W-24VDC-DALI-IW, PSB-100W-24VDC-RGB-IW

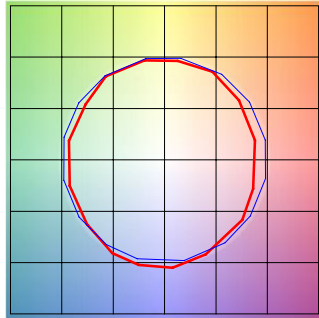
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| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

SUSPENSION TM30 DATA

LED SUSPENSION MODULAR SYSTEM - REMOTE POWER

TM-30-15 DATA: The data below is for SS2C, SS5C, and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

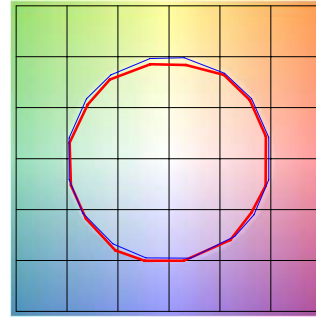
2200K | Rf: 83.9 | Rg: 94.9
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 77.6 | -10.0% | 1.8% |
| 2 | 80.7 | -7.5% | 7.0% |
| 3 | 79.5 | -2.9% | 8.9% |
| 4 | 90.5 | -3.1% | 2.4% |
| 5 | 93.9 | -1.3% | 1.9% |
| 6 | 91.9 | -0.9% | -0.2% |
| 7 | 87.6 | -6.3% | -2.7% |
| 8 | 90.5 | -5.4% | 2.7% |
| 9 | 83.8 | -4.7% | 6.5% |
| 10 | 81.2 | -2.5% | 10.0% |
| 11 | 83.3 | 3.9% | 9.4% |
| 12 | 86.4 | 5.6% | 2.6% |
| 13 | 86.2 | 4.5% | -12.4% |
| 14 | 64.3 | -1.0% | -21.9% |
| 15 | 85.1 | -4.4% | -7.5% |
| 16 | 75.0 | -9.9% | -12.0% |

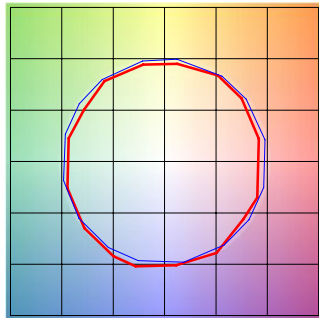
2400K | Rf: 91.2 | Rg: 96.8
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 92.0 | -2.4% | 1.5% |
| 2 | 94.7 | -2.1% | 0.0% |
| 3 | 95.4 | -1.9% | -0.1% |
| 4 | 88.7 | -6.7% | -3.1% |
| 5 | 92.8 | -5.6% | 1.0% |
| 6 | 92.7 | -3.4% | 3.4% |
| 7 | 89.9 | -4.3% | 4.1% |
| 8 | 92.4 | -1.4% | 4.4% |
| 9 | 89.0 | -0.6% | 5.8% |
| 10 | 88.9 | 0.4% | 6.2% |
| 11 | 89.7 | 4.0% | 5.4% |
| 12 | 92.6 | 3.0% | -0.7% |
| 13 | 90.9 | 1.1% | -7.0% |
| 14 | 89.9 | 0.5% | -5.8% |
| 15 | 92.1 | -3.2% | 0.1% |
| 16 | 88.9 | -1.7% | -6.3% |

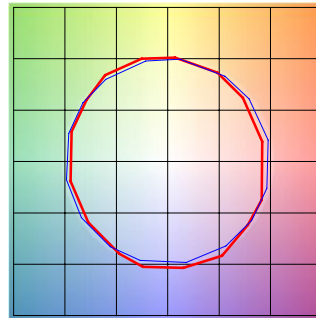
2700K | Rf: 87.7 | Rg: 96.1
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 86.4 | -5.6% | 2.3% |
| 2 | 89.7 | -3.3% | 3.1% |
| 3 | 90.5 | -1.5% | 3.8% |
| 4 | 90.0 | -4.3% | 1.1% |
| 5 | 92.9 | -3.7% | 0.2% |
| 6 | 93.5 | -2.5% | -0.8% |
| 7 | 86.3 | -7.2% | 2.5% |
| 8 | 90.7 | -4.0% | 3.2% |
| 9 | 85.2 | -2.4% | 8.1% |
| 10 | 81.7 | 0.9% | 10.8% |
| 11 | 85.4 | 4.5% | 8.9% |
| 12 | 88.7 | 5.7% | -1.4% |
| 13 | 88.3 | 1.3% | -7.9% |
| 14 | 85.1 | 2.4% | -10.4% |
| 15 | 88.1 | -4.8% | -2.7% |
| 16 | 81.7 | -4.3% | -10.9% |

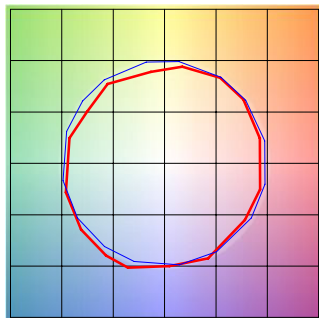
3000K | Rf: 88.1 | Rg: 99.7
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 87.7 | -5.9% | -0.3% |
| 2 | 87.9 | -4.4% | 4.3% |
| 3 | 82.9 | -1.2% | 7.9% |
| 4 | 89.9 | 0.6% | 4.7% |
| 5 | 92.7 | 3.0% | 3.5% |
| 6 | 92.7 | 3.6% | -1.7% |
| 7 | 90.8 | -1.3% | -4.4% |
| 8 | 93.7 | -2.5% | -2.2% |
| 9 | 91.7 | -3.7% | 2.3% |
| 10 | 85.5 | -2.8% | 7.8% |
| 11 | 83.3 | 0.7% | 11.0% |
| 12 | 86.4 | 5.5% | 3.8% |
| 13 | 90.6 | 4.6% | -3.6% |
| 14 | 85.6 | 5.9% | -8.4% |
| 15 | 89.5 | -0.6% | -5.7% |
| 16 | 82.6 | -2.7% | -12.0% |

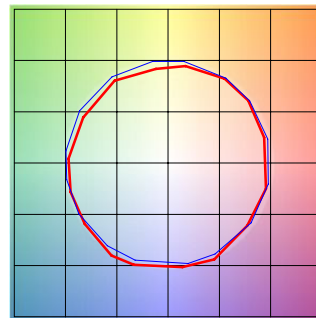
3500K | Rf: 86.1 | Rg: 95.5
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 86.6 | -4.2% | 3.4% |
| 2 | 91.7 | -1.4% | 1.8% |
| 3 | 94.9 | -0.7% | 0.4% |
| 4 | 87.9 | -4.5% | -4.1% |
| 5 | 85.9 | -10.3% | -2.7% |
| 6 | 89.8 | -5.2% | -0.4% |
| 7 | 79.6 | -9.5% | 6.5% |
| 8 | 87.6 | -4.0% | 5.7% |
| 9 | 81.4 | -0.5% | 11.8% |
| 10 | 78.3 | 3.3% | 11.4% |
| 11 | 85.7 | 6.3% | 6.1% |
| 12 | 86.3 | 7.1% | -4.6% |
| 13 | 86.1 | -0.7% | -9.6% |
| 14 | 85.1 | 0.8% | -10.4% |
| 15 | 83.4 | -4.1% | -5.3% |
| 16 | 82.5 | -3.6% | -5.7% |

4000K | Rf: 87.6 | Rg: 96.8
Color Vector Graphic



■ Test ■ Reference

| | | GRAPHIC SHIFTS % | |
|---------|------|------------------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 89.0 | -3.1% | 2.1% |
| 2 | 93.2 | -0.9% | 1.3% |
| 3 | 94.3 | -1.1% | 0.7% |
| 4 | 89.5 | -4.0% | -2.3% |
| 5 | 87.6 | -7.8% | -1.8% |
| 6 | 92.2 | -4.6% | 0.1% |
| 7 | 87.4 | -6.6% | 3.6% |
| 8 | 85.7 | -3.8% | 7.0% |
| 9 | 81.5 | -1.3% | 12.4% |
| 10 | 80.0 | 0.9% | 11.4% |
| 11 | 83.3 | 5.9% | 8.7% |
| 12 | 89.7 | 4.8% | -0.3% |
| 13 | 88.5 | 2.4% | -6.3% |
| 14 | 92.7 | 4.0% | -3.8% |
| 15 | 86.1 | -1.6% | -4.5% |
| 16 | 85.0 | -1.4% | -5.0% |

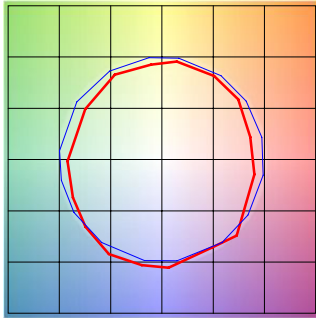
| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

SUSPENSION TM30 DATA

LED SUSPENSION MODULAR SYSTEM - REMOTE POWER

TM-30-15 DATA: The data below is for SS2C, SS5C, and SS7C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

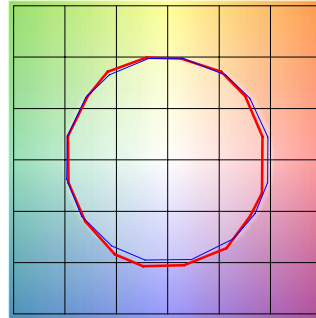
5700K | Rf: 80.3 | Rg: 91.5
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 73.8 | -11.2% | 2.6% |
| 2 | 83.7 | -5.5% | 5.8% |
| 3 | 84.2 | -4.0% | 5.5% |
| 4 | 85.8 | -3.5% | 1.3% |
| 5 | 85.3 | -7.1% | 0.6% |
| 6 | 89.2 | -5.8% | -2.2% |
| 7 | 81.5 | -10.7% | 1.2% |
| 8 | 75.7 | -9.7% | 8.5% |
| 9 | 74.9 | -7.8% | 18.8% |
| 10 | 67.8 | -1.6% | 18.0% |
| 11 | 76.1 | 5.5% | 12.0% |
| 12 | 90.8 | 4.9% | -1.6% |
| 13 | 83.6 | 5.0% | -9.5% |
| 14 | 81.7 | -1.2% | -10.0% |
| 15 | 69.0 | 2.0% | -22.8% |
| 16 | 83.2 | -8.5% | -1.0% |

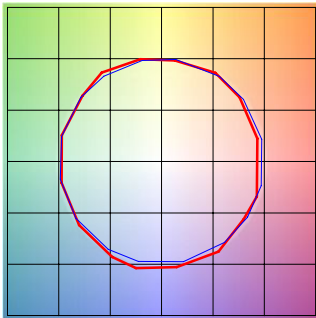
2700D | Rf: 89.5 | Rg: 100.8
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 88.8 | -5.1% | 1.4% |
| 2 | 89.8 | -2.7% | 4.1% |
| 3 | 87.2 | 0.3% | 5.9% |
| 4 | 92.3 | -0.9% | 1.0% |
| 5 | 93.3 | 1.5% | 1.7% |
| 6 | 92.4 | 3.6% | -0.2% |
| 7 | 92.2 | -0.9% | -2.4% |
| 8 | 96.7 | -0.4% | -1.1% |
| 9 | 92.3 | -1.2% | 3.7% |
| 10 | 88.9 | -0.0% | 6.1% |
| 11 | 86.4 | 5.1% | 7.4% |
| 12 | 88.2 | 6.3% | -0.9% |
| 13 | 87.2 | 3.8% | -8.1% |
| 14 | 84.2 | 3.8% | -11.0% |
| 15 | 89.8 | -2.6% | -4.3% |
| 16 | 82.7 | -3.4% | -11.1% |

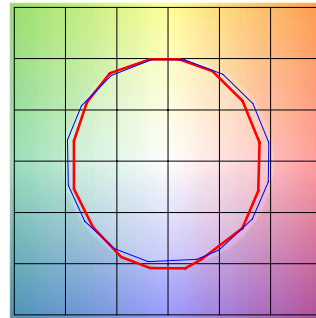
3000D | Rf: 89.8 | Rg: 101.4
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 90.2 | -4.2% | 1.5% |
| 2 | 90.9 | -2.0% | 3.7% |
| 3 | 87.9 | 0.8% | 5.5% |
| 4 | 92.1 | -0.9% | 0.6% |
| 5 | 93.0 | 1.5% | 1.6% |
| 6 | 92.2 | 3.9% | -0.2% |
| 7 | 92.1 | -0.3% | -2.0% |
| 8 | 96.7 | 0.0% | -1.2% |
| 9 | 92.5 | -0.6% | 3.7% |
| 10 | 88.3 | 1.1% | 7.0% |
| 11 | 87.2 | 4.1% | 7.4% |
| 12 | 87.2 | 6.7% | -1.0% |
| 13 | 88.2 | 3.8% | -7.2% |
| 14 | 85.3 | 4.3% | -9.9% |
| 15 | 90.9 | -2.2% | -3.6% |
| 16 | 83.4 | -2.2% | -11.2% |

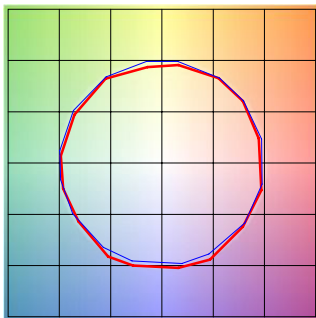
2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 80.3 | -8.9% | 1.7% |
| 2 | 79.7 | -7.0% | 7.8% |
| 3 | 78.9 | -2.9% | 10.0% |
| 4 | 89.5 | -0.5% | 5.1% |
| 5 | 94.4 | 0.7% | 1.7% |
| 6 | 92.1 | 2.4% | -0.3% |
| 7 | 89.4 | -2.4% | -5.9% |
| 8 | 89.7 | -6.4% | -0.2% |
| 9 | 86.0 | -4.9% | 4.6% |
| 10 | 81.8 | -3.4% | 9.3% |
| 11 | 83.1 | 3.3% | 9.7% |
| 12 | 85.8 | 5.6% | 3.3% |
| 13 | 85.6 | 6.2% | -12.8% |
| 14 | 61.7 | -1.9% | -19.0% |
| 15 | 79.7 | -3.3% | -12.9% |
| 16 | 78.1 | -7.9% | -10.6% |

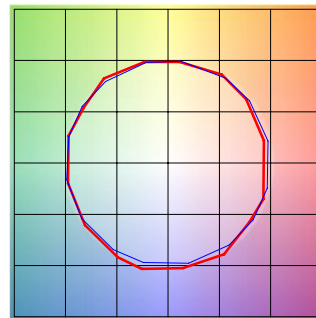
4000K ONLY (2K4K) | Rf: 89.6 | Rg: 99.1
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 91.3 | -2.5% | 1.0% |
| 2 | 95.3 | -0.5% | 0.5% |
| 3 | 94.3 | -0.7% | 1.1% |
| 4 | 91.1 | -3.4% | -1.1% |
| 5 | 89.5 | -5.6% | 0.0% |
| 6 | 94.6 | -1.4% | 1.3% |
| 7 | 93.2 | -3.0% | 2.6% |
| 8 | 91.3 | -1.8% | 4.6% |
| 9 | 86.5 | -0.9% | 9.1% |
| 10 | 83.3 | -0.5% | 9.5% |
| 11 | 83.3 | 4.9% | 9.0% |
| 12 | 89.7 | 4.1% | 1.7% |
| 13 | 90.1 | 3.6% | -4.3% |
| 14 | 93.4 | 5.2% | -2.1% |
| 15 | 87.4 | 0.4% | -4.3% |
| 16 | 86.6 | 0.4% | -6.1% |

2K4K (3000K) | Rf: 90.2 | Rg: 101.4
Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 90.9 | -3.8% | 1.3% |
| 2 | 91.7 | -1.9% | 3.3% |
| 3 | 88.7 | 0.7% | 5.1% |
| 4 | 92.4 | -1.0% | 0.7% |
| 5 | 92.9 | 0.9% | 1.7% |
| 6 | 93.1 | 3.3% | -0.6% |
| 7 | 91.0 | -1.8% | -0.4% |
| 8 | 97.0 | 0.2% | -1.1% |
| 9 | 92.8 | -0.5% | 3.6% |
| 10 | 88.3 | 1.0% | 7.0% |
| 11 | 87.1 | 3.8% | 7.8% |
| 12 | 87.6 | 6.5% | -0.3% |
| 13 | 89.3 | 3.6% | -6.3% |
| 14 | 86.1 | 4.5% | -9.1% |
| 15 | 91.6 | -1.9% | -3.1% |
| 16 | 83.8 | -1.5% | -11.2% |

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|